

Return Address:
Buckeye Perth Amboy Terminal, LLC
Five TEK Park
9999 Hamilton Boulevard
Breinerville, PA 18031

Instrument Number

DEED NOTICE

IN ACCORDANCE WITH N.J.S.A. 58:10B-13, THIS DOCUMENT IS TO BE RECORDED IN THE SAME MANNER AS ARE DEEDS AND OTHER INTERESTS IN REAL PROPERTY.

Prepared by: _____
[Signature]

[Print name below signature]

Recorded by: _____
[Signature, Officer of County Recording Office]

[Print name below signature]

DEED NOTICE

This Deed Notice is made as of the _____ day of _____, _____, by *Buckeye Perth Amboy Terminal, LLC* (together with their successors and assigns, collectively “Owner”).

1. THE PROPERTY. Buckeye Perth Amboy Terminal, LLC is the owner in fee simple of certain real property designated as Block 481 Lot 1 and Block 484 Lot 1 on the tax map of the City of Perth Amboy, Middlesex County; the New Jersey Department of Environmental Protection Program Interest Number (Preferred ID) for the contaminated site which includes this property is 003621; and the property is more particularly described in Exhibit A, which is attached hereto and made a part hereof (the “Property”).

2. REMEDIATION.

i. The Bureau of Case Management of the New Jersey Department of Environmental Protection program has approved this Deed Notice as an institutional control for the Property, which is part of the remediation of the Property.

ii. N.J.A.C. 7:26C-7 requires the Owner, among other persons, to obtain a soil remedial action permit for the soil remedial action at the Property. That permit will contain the monitoring, maintenance and biennial certification requirements that apply to the Property.

3. SOIL CONTAMINATION. Chevron USA, Inc., the prior owner of the Property, and Buckeye Perth Amboy Terminal LLC have remediated contaminated soil at the Property, such that soil contamination remains at certain areas of the Property that contains contaminants in concentrations that do not allow for the unrestricted use of the Property. Such soil contamination is described, including the type, concentration and specific location of such contamination, and the existing engineering controls on the site are described, in Exhibit B, which is attached hereto and made a part hereof. As a result, there is a statutory requirement for this Deed Notice and engineering controls in accordance with N.J.S.A. 58:10B-13.

4. CONSIDERATION. In accordance with the remedial action for the site which included the Property, and in consideration of the terms and conditions of that remedial action, and other good and valuable consideration, Owner has agreed to subject the Property to certain statutory and regulatory requirements that impose restrictions upon the use of the Property, to restrict certain uses of the Property, and to provide notice to subsequent owners, lessors, lessees and operators of the Property of the restrictions and the monitoring, maintenance, and biennial certification requirements outlined in this Deed Notice and required by law, as set forth herein.

5A. RESTRICTED AREAS. Due to the presence of contamination remaining at concentrations that do not allow for unrestricted use, the Owner has agreed, as part of the remedial action for the Property, to restrict the use of certain parts of the Property (the “Restricted Areas”); a narrative description of these restrictions is provided in Exhibit C, which is attached hereto and made a part hereof. The Owner has also agreed to maintain a list of these restrictions on site for inspection by governmental officials.

5B. RESTRICTED LAND USES. The following statutory land use restrictions apply to the Restricted Areas:

- i. The Brownfield and Contaminated Site Remediation Act, N.J.S.A. 58:10B-12.g(10), prohibits the conversion of a contaminated site, remediated to non-residential soil remediation standards that require the maintenance of engineering or institutional controls, to a child care facility, or public, private, or charter school without the Department’s prior written approval, unless a presumptive remedy is implemented; and
- ii. The Brownfield and Contaminated Site Remediation Act, N.J.S.A. 58:10B-12.g(12), prohibits the conversion of a landfill, with gas venting systems and or leachate collection systems, to a single family residence or a child care facility.

5C. ENGINEERING CONTROLS. Due to the presence and concentration of these contaminants, the Owner has also agreed, as part of the remedial action for the Property, to the placement of certain engineering controls on the Property; a narrative description of these engineering controls is provided in Exhibit C.

6A. CHANGE IN OWNERSHIP AND REZONING.

i. The Owner and the subsequent owners, lessors, and lessees, shall cause all leases, grants, and other written transfers of an interest in the Restricted Areas to contain a provision expressly requiring all holders thereof to take the Property subject to the restrictions contained herein and to comply with all, and not to violate any of the conditions of this Deed Notice. Nothing contained in this Paragraph shall be construed as limiting any obligation of any person to provide any notice required by any law, regulation, or order of any governmental authority.

ii. The Owner and the subsequent owners shall provide written notice to the Department of Environmental Protection on a form provided by the Department and available at www.nj.gov/srp/forms within 30 calendar days after the effective date of any conveyance, grant, gift, or other transfer, in whole or in part, of the Owner's or subsequent owner's interest in the Restricted Area.

iii. The Owner and the subsequent owners shall provide written notice to the Department, on a form available from the Department at www.nj.gov/srp/forms, within thirty (30) calendar days after the owner's petition for or filing of any document initiating a rezoning of the Property to residential.

6B. SUCCESSORS AND ASSIGNS. This Deed Notice shall be binding upon Owner and upon Owner's successors and assigns, and subsequent owners, lessors, lessees and operators while each is an owner, lessor, lessee, or operator of the Property.

7A. ALTERATIONS, IMPROVEMENTS, AND DISTURBANCES.

i. The Owner and all subsequent owners, lessors, and lessees shall notify any person, including, without limitation, tenants, employees of tenants, and contractors, intending to conduct invasive work or excavate within the Restricted Areas, of the nature and location of contamination in the Restricted Areas, and, of the precautions necessary to minimize potential human exposure to contaminants.

ii. Except as provided in Paragraph 7B, below, no person shall make, or allow to be made, any alteration, improvement, or disturbance in, to, or about the Property which disturbs any engineering control at the Property without first retaining a licensed site remediation professional. Nothing herein shall constitute a waiver of the obligation of any person to comply with all applicable laws and regulations including, without limitation, the applicable rules of the Occupational Safety and Health Administration.

iii. A soil remedial action permit modification is required for any permanent alteration, improvement, or disturbance and the owner, lessor, lessee or operator shall submit the following within 30 days after the occurrence of the permanent alteration, improvement, or disturbance:

(A) A Remedial Action Workplan or Linear Construction Project notification and Final Report Form, whichever is applicable;

(B) A Remedial Action Report and Termination of Deed Notice Form; and

(C) A revised recorded Deed Notice with revised Exhibits, and Remedial Action Permit Modification or Remedial Action Permit Termination form and Remedial Action Report.

iv. No owner, lessor, lessee or operator shall be required to obtain a Remedial Action Permit Modification for any temporary alteration, improvement, or disturbance, provided that the site is restored to the condition described in the Exhibits to this Deed Notice, and the owner, lessee, or operator complies with the following:

(A) Restores any disturbance of an engineering control to pre-disturbance conditions within 60 calendar days after the initiation of the alteration, improvement or disturbance;

(B) Ensures that all applicable worker health and safety laws and regulations are followed during the alteration, improvement, or disturbance, and during the restoration;

(C) Ensures that human exposure to contamination in excess of the remediation standards does not occur; and

(D) Describes, in the next biennial certification the nature of the temporary alteration, improvement, or disturbance, the dates and duration of the temporary alteration, improvement, or disturbance, the name of key individuals and their affiliations conducting the temporary alteration, improvement, or disturbance, the notice the Owner gave to those persons prior to the disturbance.

7B. EMERGENCIES. In the event of an emergency which presents, or may present, an unacceptable risk to the public health and safety, or to the environment, or an immediate environmental concern, see N.J.S.A. 58:10C-2, any person may temporarily breach an engineering control provided that that person complies with each of the following:

i. Immediately notifies the Department of Environmental Protection of the emergency, by calling the DEP Hotline at 1-877-WARNDEP or 1-877-927-6337;

ii. Hires a Licensed Site Remediation Professional (unless the Restricted Areas includes an unregulated heating oil tank) to respond to the emergency;

iii. Limits both the actual disturbance and the time needed for the disturbance to the minimum reasonably necessary to adequately respond to the emergency;

iv. Implements all measures necessary to limit actual or potential, present or future risk of exposure to humans or the environment to the contamination;

- v. Notifies the Department of Environmental Protection when the emergency or immediate environmental concern has ended by calling the DEP Hotline at 1-877-WARNDEP or 1-877-927-6337; and
- vi. Restores the engineering control to the pre-emergency conditions as soon as possible; and
- vii. Submits to the Department of Environmental Protection within 60 calendar days after completion of the restoration of the engineering control, a report including: (a) the nature and likely cause of the emergency; (b) the measures that have been taken to mitigate the effects of the emergency on human health and the environment; (c) the measures completed or implemented to restore the engineering control; and (d) any changes to the engineering control or site operation and maintenance plan to prevent reoccurrence of such conditions in the future.

8. TERMINATION OF DEED NOTICE.

- i. This Deed Notice may be terminated only upon recording a Department-approved Termination of Deed Notice, available at N.J.A.C. 7:26C Appendix C, with the office of the County Clerk of Middlesex County, New Jersey, expressly terminating this Deed Notice.
- ii. Within 30 calendar days after recording a Department-approved Termination of Deed Notice, the owner of the property should apply to the Department for termination of the soil remedial action permit pursuant to N.J.A.C. 7:26C-7.

9. ACCESS. The Owner, and the subsequent owners, lessors, lessees, and operators agree to allow the Department, its agents and representatives access to the Property to inspect and evaluate the continued protectiveness of the remedial action that includes this Deed Notice and to conduct additional remediation to ensure the protection of the public health and safety and of the environment if the subsequent owners, lessors, lessees, and operators, during their ownership, tenancy, or operation, and the Owner fail to conduct such remediation pursuant to this Deed Notice as required by law. The Owner, and the subsequent owners, lessors, and lessees, shall also cause all leases, subleases, grants, and other written transfers of an interest in the Restricted Areas to contain a provision expressly requiring that all holders thereof provide such access to the Department.

10. ENFORCEMENT OF VIOLATIONS.

- i. This Deed Notice itself is not intended to create any interest in real estate in favor of the Department of Environmental Protection, nor to create a lien against the Property, but merely is intended to provide notice of certain conditions and restrictions on the Property and to reflect the regulatory and statutory obligations imposed as a conditional remedial action for this site.
- ii. The restrictions provided herein may be enforceable solely by the Department against any person who violates this Deed Notice. To enforce violations of this Deed Notice, the

Department may initiate one or more enforcement actions pursuant to N.J.S.A. 58:10-23.11, and N.J.S.A. 58:10C, and require additional remediation and assess damages pursuant to N.J.S.A. 58:10-23.11, and N.J.S.A. 58:10C.

11. SEVERABILITY. If any court of competent jurisdiction determines that any provision of this Deed Notice requires modification, such provision shall be deemed to have been modified automatically to conform to such requirements. If a court of competent jurisdiction determines that any provision of this Deed Notice is invalid or unenforceable and the provision is of such a nature that it cannot be modified, the provision shall be deemed deleted from this instrument as though the provision had never been included herein. In either case, the remaining provisions of this Deed Notice shall remain in full force and effect.

12A. EXHIBIT A. Exhibit A includes the following maps of the Property and the vicinity:

- i. Exhibit A-1: Vicinity Map - A map that identifies by name the roads, and other important geographical features in the vicinity of the Property (for example, USGS Quad map, Hagstrom County Maps);
- ii. Exhibit A-2: Metes and Bounds Description - A tax map of lots and blocks as wells as metes and bounds description of the Property, including reference to tax lot and block numbers for the Property;
- iii. Exhibit A-3: Property Map - A scaled map of the Property, scaled at one inch to 200 feet or less, and if more than one map is submitted, the maps shall be presented as overlays, keyed to a base map; and the Property Map shall include diagrams of major surface topographical features such as buildings, roads, and parking lots.

12B. EXHIBIT B. Exhibit B includes the following descriptions of the Restricted Areas:

- i. Exhibit B-1: Restricted Area Map -- A separate map for each restricted area that includes:
 - (A) As-built diagrams of each engineering control, including caps, fences, slurry walls, (and, if any) ground water monitoring wells, extent of the ground water classification exception area, pumping and treatment systems that may be required as part of a ground water engineering control in addition to the deed notice;
 - (B) As-built diagrams of any buildings, roads, parking lots and other structures that function as engineering controls; and
 - (C) Designation of all soil and all upland sediment sample locations within the restricted areas that exceed any soil standard that are keyed into one of the tables described in the following paragraph.
- ii. Exhibit B-2: Restricted Area Data Table - A separate table for each restricted area that includes either (A) or (B) through (F):

- (A) Only for historic fill extending over the entire site or a portion of the site and for which analytical data are limited or do not exist, a narrative that states that historic fill is present at the site, a description of the fill material (e.g., ash, cinders, brick, dredge material), and a statement that such material may include, but is not limited to, contaminants such as PAHs and metals;
- (B) Sample location designation from Restricted Area map (Exhibit B-1);
- (C) Sample elevation based upon mean sea level;
- (D) Name and chemical abstract service registry number of each contaminant with a concentration that exceeds the unrestricted use standard;
- (E) The restricted and unrestricted use standards for each contaminant in the table; and
- (F) The remaining concentration of each contaminant at each sample location at each elevation.

12C. EXHIBIT C. Exhibit C includes narrative descriptions of the institutional controls and engineering controls as follows:

- i. Exhibit C-1: Deed Notice as Institutional Control: Exhibit C-1 includes a narrative description of the restriction and obligations of this Deed Notice that are in addition to those described above, as follows:
 - (A) Description and estimated size in acres of the Restricted Areas as described above;
 - (B) Description of the restrictions on the Property by operation of this Deed Notice; and
 - (C) The objective of the restrictions.
- ii. Exhibit C-2: Fencing: Exhibit C-2 includes a narrative description of fencing as follows:
 - (A) Description of the engineering control;
 - (B) The objective of the engineering control; and
 - (C) How the engineering control is intended to function.
- iii. Exhibit C-3: Physical Barriers: Exhibit C-3 includes a narrative description of Physical Barriers as follows:

- (A) Description of the engineering control;
 - (B) The objective of the engineering control; and
 - (C) How the engineering control is intended to function.
- iv. Exhibit C-4: Signage: Exhibit C-4 includes a narrative description of signage as follows:
- (A) Description of the engineering/institutional control;
 - (B) The objective of the engineering/institutional control; and
 - (C) How the engineering/institutional control is intended to function.

13. SIGNATURES. IN WITNESS WHEREOF, Owner has executed this Deed Notice as of the date first written above.

ATTEST: Buckeye Perth Amboy Terminal, LLC

By _____

[Print name and title] _____ [Signature]

STATE OF [State where document is executed] SS.:
COUNTY OF [County where document is executed]

I certify that on _____, 20__, [Name of person executing document on behalf of Owner] personally came before me, and this person acknowledged under oath, to my satisfaction, that:

- (a) this person is the [secretary/assistant secretary] of [Owner], the corporation named in this document;
- (b) this person is the attesting witness to the signing of this document by the proper corporate officer who is the [president/vice president] of the corporation;
- (c) this document was signed and delivered by the corporation as its voluntary act and was duly authorized;
- (d) this person knows the proper seal of the corporation which was affixed to this document; and

(e) this person signed this proof to attest to the truth of these facts.

[Signature]

[Print name and title of attesting witness]

Signed and sworn before me on _____, 20____

_____, Notary Public

COUNTY OF [County where document is executed]

:

(a)

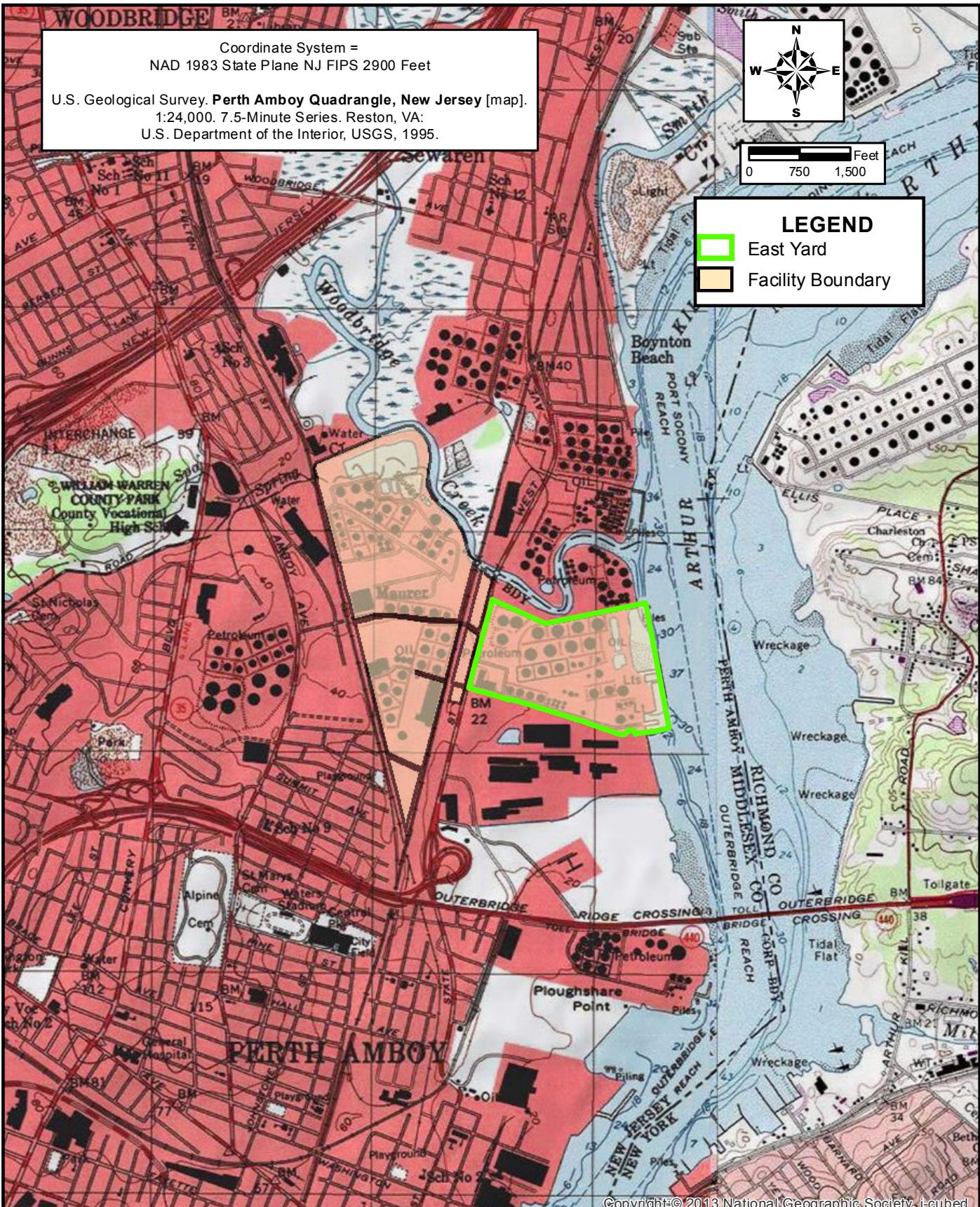
(c)[Signature]

_____, Notary Public
[Print name and title]

Exhibit A
Location and Description of Property

Exhibit A-1: Vicinity Map
Exhibit A-2: Metes and Bounds Description
Exhibit A-3: Property Maps

Exhibit A-1: Vicinity Map



Path: D:\Projects\Chevron\DMSP\Projects\Misc\East Yard Deed Notice\Figures\USGS Map.mxd



SITE LOCATION ON A USGS MAP

EAST YARD DEED NOTICE

DATE:	1/9/2020	DWN:	CO
CHKD:	SRB		
PROJECT #:	451534-39200		
FIG #:	1		

Exhibit A-2: Metes and Bounds Description

Description of Property
**Tax Lots 1 and 1.01 Block 481 and Tax Lots 1 and
1.01 Block 484 City of Perth Amboy, Middlesex
County, New Jersey.**

BEGINNING at a point on the easterly side of State Street (a 72 foot wide right of way, said point being 36 feet easterly of the centerline, being on the easterly line of Parcel S-1 as conveyed by Chevron Oil Company to the County of Middlesex by deed recorded in Deed Book 2916 at page 419 on December 19, 1975, State Street widening shown on "Proposed Revision of Right of Way, Maurer Rd. & State St., Perth Amboy, N.J., Co. of Middlesex, scale 1"=50', dated May 1974", prepared by S. Philip Filippone, Land Surveyor, 644 Ramapo Valley Road, Oakland, New Jersey) where it is intersected by the seventh course of lands described in a deed from David T. Wilentz and Lena Wilentz, his wife, to the California Refining Company, a corporation of the State of Delaware, said deed recorded in Deed Book 1441 at page 369 on May 7, 1949, said point being South 66 degrees 18 minutes 15 seconds East 3.04 feet from a spike and tag set in the former sideline of State Street; and runs thence

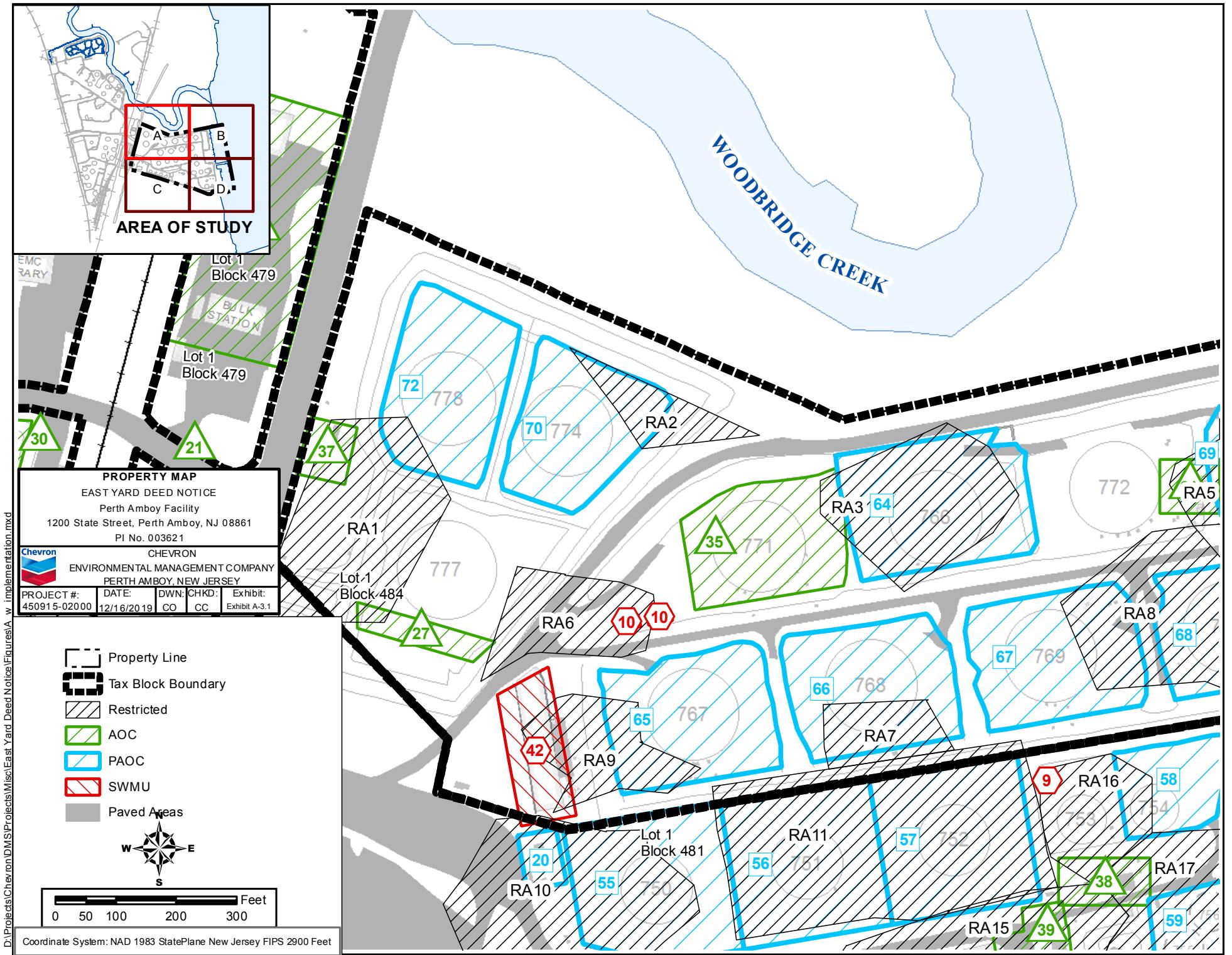
- 1) On said seventh course reversed, in part, of said Wilentz deed South 66 degrees 18 minutes 15 seconds East 862.95 feet to a point, said point marked with an iron spike and tag set; thence
- 2) On the sixth course reversed of said Wilentz deed and beyond North 78 degrees 36 minutes 15 seconds East 1,514.56 feet to the Pierhead line in the Arthur Kill; thence
- 3) On the Pierhead line being the easterly limits of a grant from the State of New Jersey to California Refining Co. dated February 14, 1950 recorded in Liber H-3 at page 219 and on the easterly limits of a grant from the state of New Jersey to the Barber Asphalt Corp. dated November 8, 1943 recorded in Liber R-2 at page 195 South 10 degrees 43 minutes 00 seconds East 1,896.32 feet to a point; thence
- 4) On the southerly limits of grants from the State of New Jersey to said Barber Asphalt Corp. and to Henry Maurer dated December 10, 1896 recorded in Liber R-2 at page 195 and continuing on a Boundary Line Agreement recorded in Deed Book 1595 Page 31, 6th course reversed, South 80 degrees 37 minutes 41 Seconds West 500.70 feet to a point being witnessed by a Henderson and Bodwell capped iron found; thence the following five courses on a common line as recorded in said Boundary Line Agreement.
- 5) On the 5th course reversed of said Boundary Line Agreement, North 83 degrees 11 minutes 49 seconds West 382.14 feet to a point (Note: a railroad spike was found 0.06 feet North and 0.65 feet west of this point); thence
- 6) On the 4th course reversed of said Boundary Line Agreement, North 71 degrees 31 minutes 49 seconds West 421.86 feet to a point being witnessed by a Henderson and Bodwell capped iron found; thence
- 7) On the 3rd course reversed of said Boundary Line Agreement, North 72 degrees 58 minutes 09 seconds West 583.86 feet to a point being witnessed by a Henderson and Bodwell capped iron found; thence

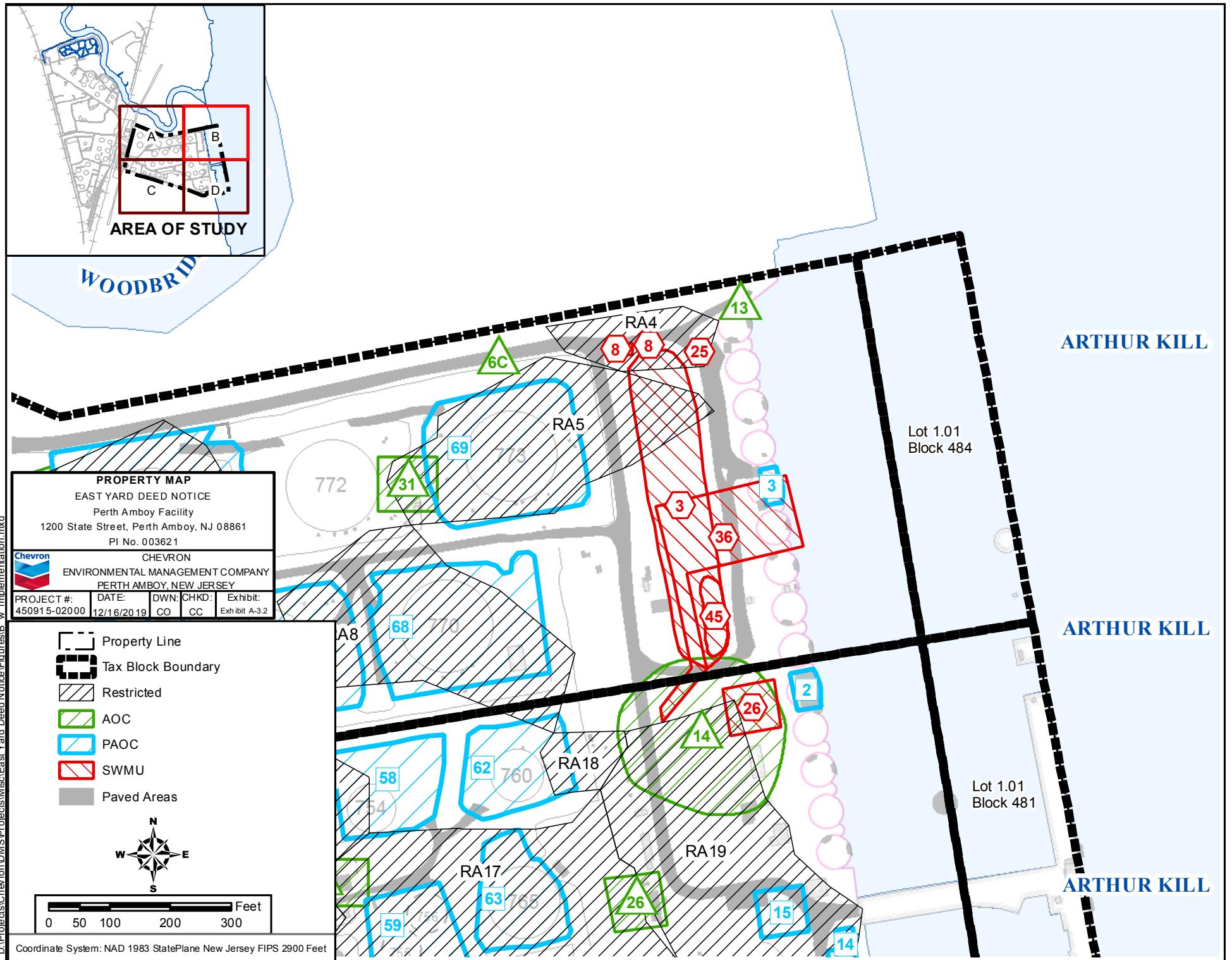
- 8) On the 2nd course reversed of said Boundary Line Agreement, North 73 degrees 40 minutes 39 seconds West 560.34 feet to a point being witnessed by a concrete monument found; thence
- 9) North 72 degrees 46 minutes 39 seconds West 626.70 feet to a point on the Easterly side line of aforementioned new sideline of State Street, 72 feet wide, said point being the following two courses from the intersection of the Easterly prolongation of the centerline of Tyrells Lane with the former sideline of State Street, 66 feet wide:
 - A) North 14 degrees 41 minutes 30 seconds East 6.85 feet; thence
 - B) South 72 degrees 46 minutes 39 seconds East 3.00 feet; thence
- 10) On the easterly sideline of State Street as widened to 72 feet, North 14 degrees 41 minutes 30 seconds East 1,343.29 feet to the point and place of BEGINNING.

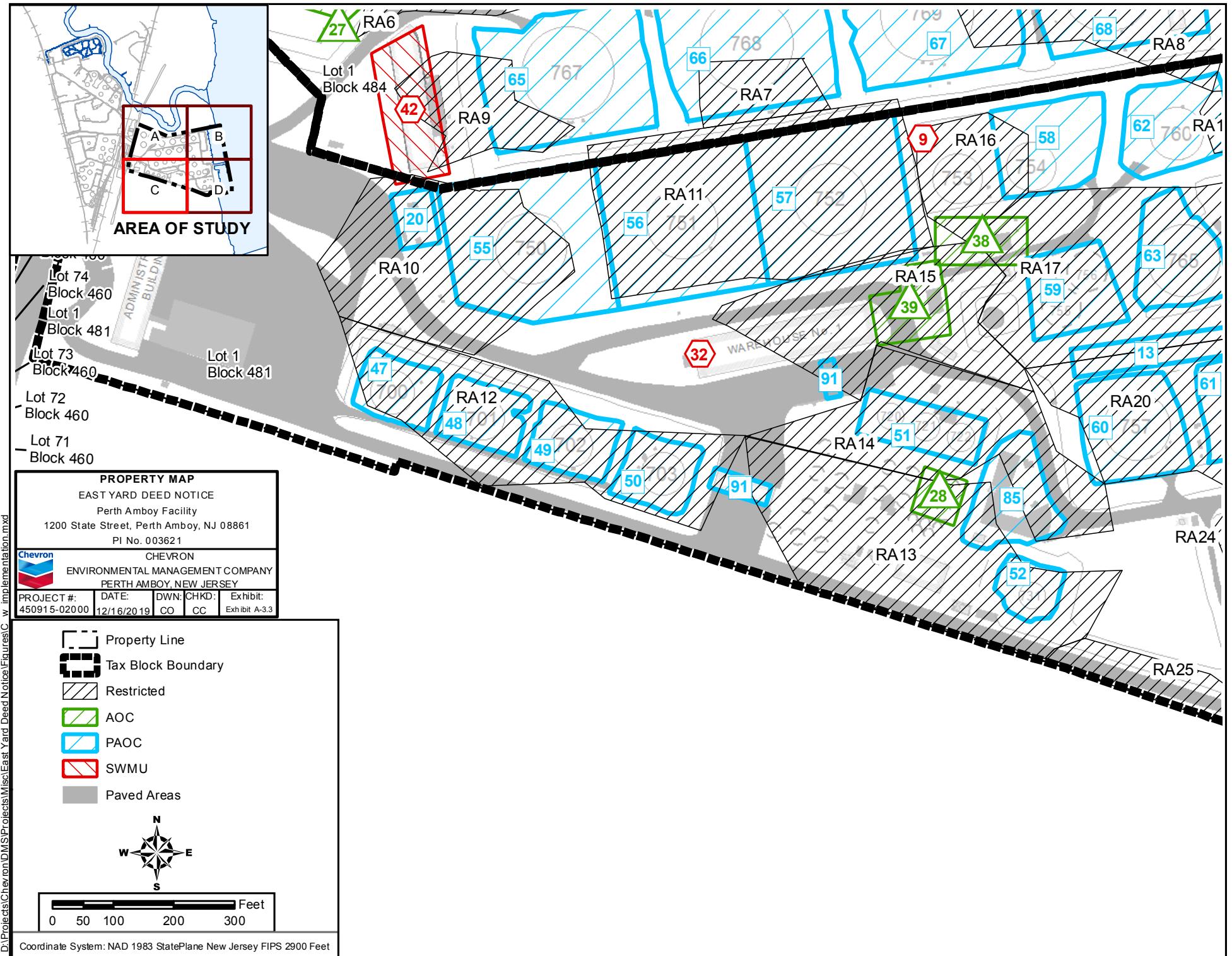
Containing 4,106,277 Square Feet or 94.2671 Acres more or less.

This description prepared in accordance with a survey prepared by Borbas Surveying and Mapping, LLC dated October 11, 2011, last revised July 10, 2012.

Exhibit A-3: Property Maps







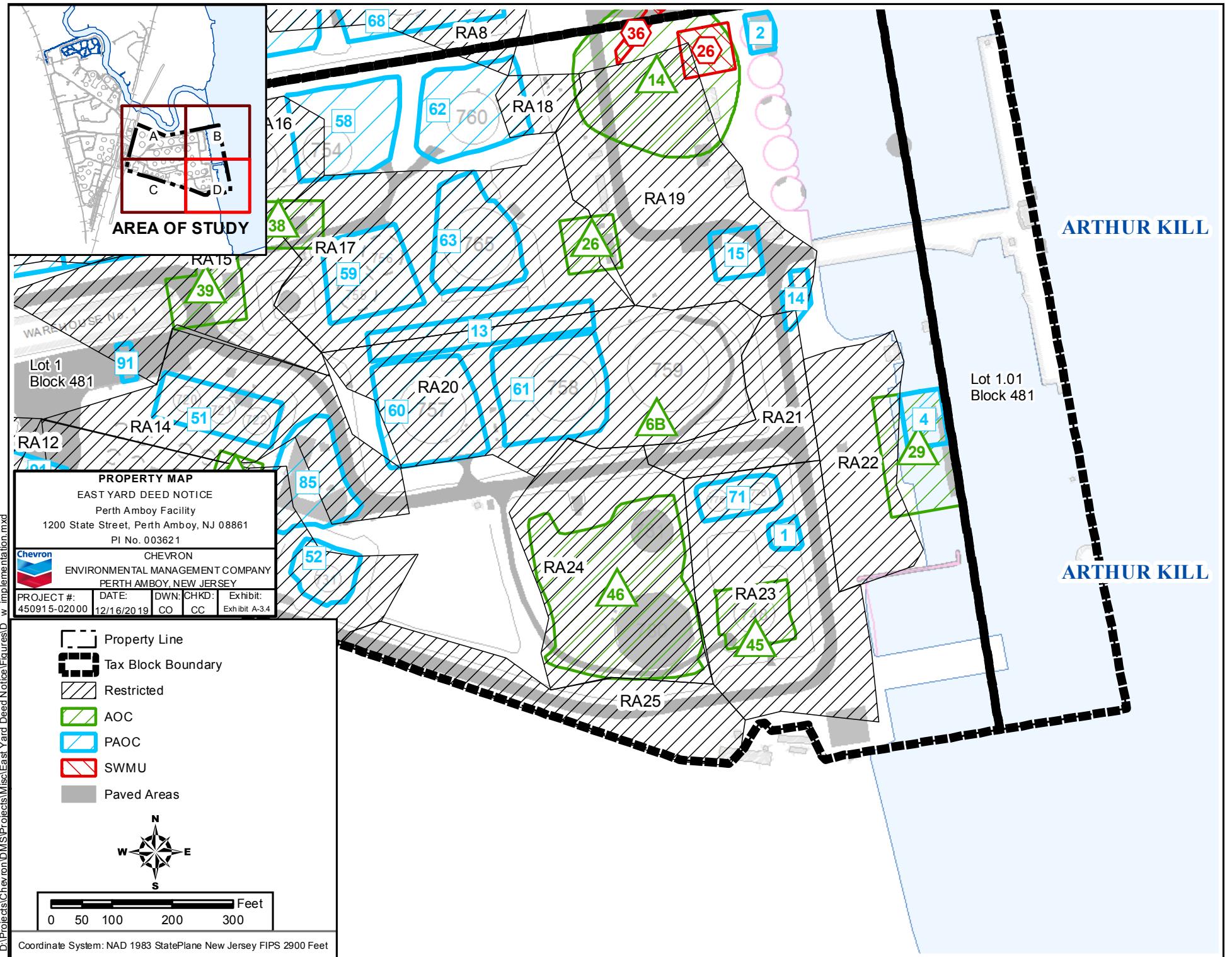


Exhibit B

Description of Restricted Area

Exhibit B-1: Restricted Area Maps

Exhibit B-2: Restricted Area Data Table

Site Description

The Site is identified as Block 484 Lots 1 and Block 481 Lot 1 and is identified as the East Yard portion of the Former Chevron, Perth Amboy Refinery in Perth Amboy, Middlesex County, New Jersey. The Site has an area of approximately 88.02 acres located in a predominately industrial area of Perth Amboy, NJ. The Site location is shown in Figure 1 on a portion of the USGS 7.5-minute topographic quadrangle base map for Perth Amboy, New Jersey.

The property supports a multitude of storage tanks, structures, pipelines, and related structures and production equipment. The property is currently owned and operated by Buckeye Partners, L.P.. The site is bordered by the Arthur Kill to the east and commercial/industrial properties to the North, West and South.

Contaminated Area Description

The presence of fill material is documented based on the PAOC investigation, the RFI, Corrective Measures Study (CMS), and other historic soil borings advanced across the site, as well as review of the NJDEP Historic Fill of the Perth Amboy Quadrangle, Historic Fill Map HFM-62 (NJDEP Land Use Management, New Jersey Geological Survey, 2004). Over large parts of the site, fill covers the land surface. Some of the fill appears to be derived from redistributed on-site glacial deposits. In addition, the North Field/Main Yard has been used for petroleum-related activities since the late 1800s, and much of this area has been filled with petroleum-impacted soils, catalyst beads, and other fill materials. The fill was placed directly on top of marshland and other existing deposits before the construction of surface impoundments and was used to build up dikes around the edges of the impoundments. Consisting largely of sand, with variable amounts of silt, clay, gravel, and miscellaneous debris, the fill may also include ash, construction debris, and catalyst beads. Based on the location of the property relative to several water bodies and the industrial development of the property over time, varying depths of fill can be found throughout the site. The fill layer is encountered throughout the entire East Yard; however, the thickness of the fill layer varies across the yard, per the table below; the average fill thickness is 9.5 feet.

Portion of East Yard	Thickness of Fill Layer (ft)
Western	4 -14
Northeastern	6 - 20
Central	5 - 7

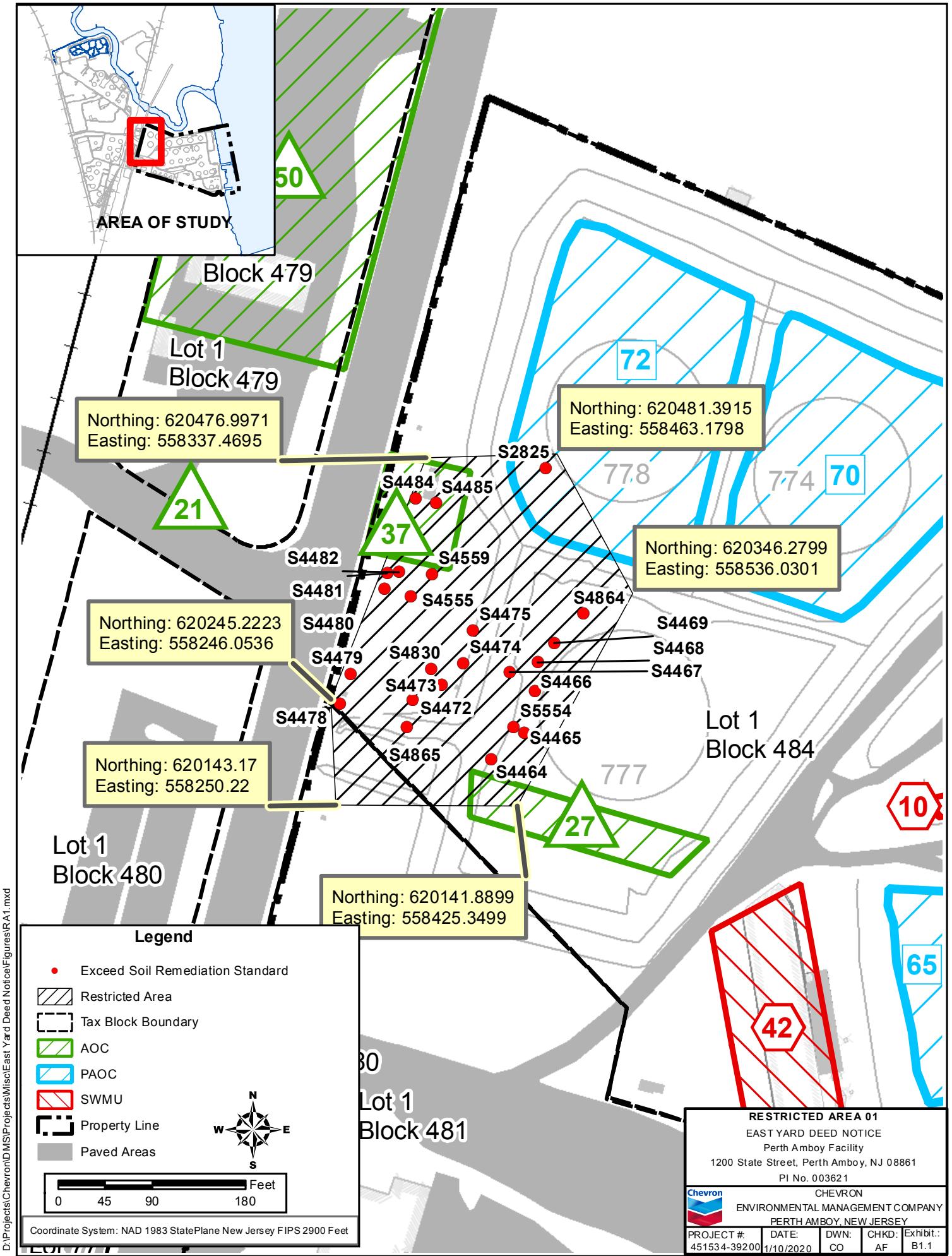
Site-wide exceedances of soil delineation criteria associated with polycyclic aromatic hydrocarbons (PAHs) (constituents of petroleum), particularly benzo(a)pyrene, are widespread and not always consistent with a pattern of spills and releases, i.e., not attributable to known waste management units. Such contamination is likely associated with the historical practice of filling low areas with potentially impacted dredge spoils, fill, and former Refinery materials to facilitate Refinery expansion.

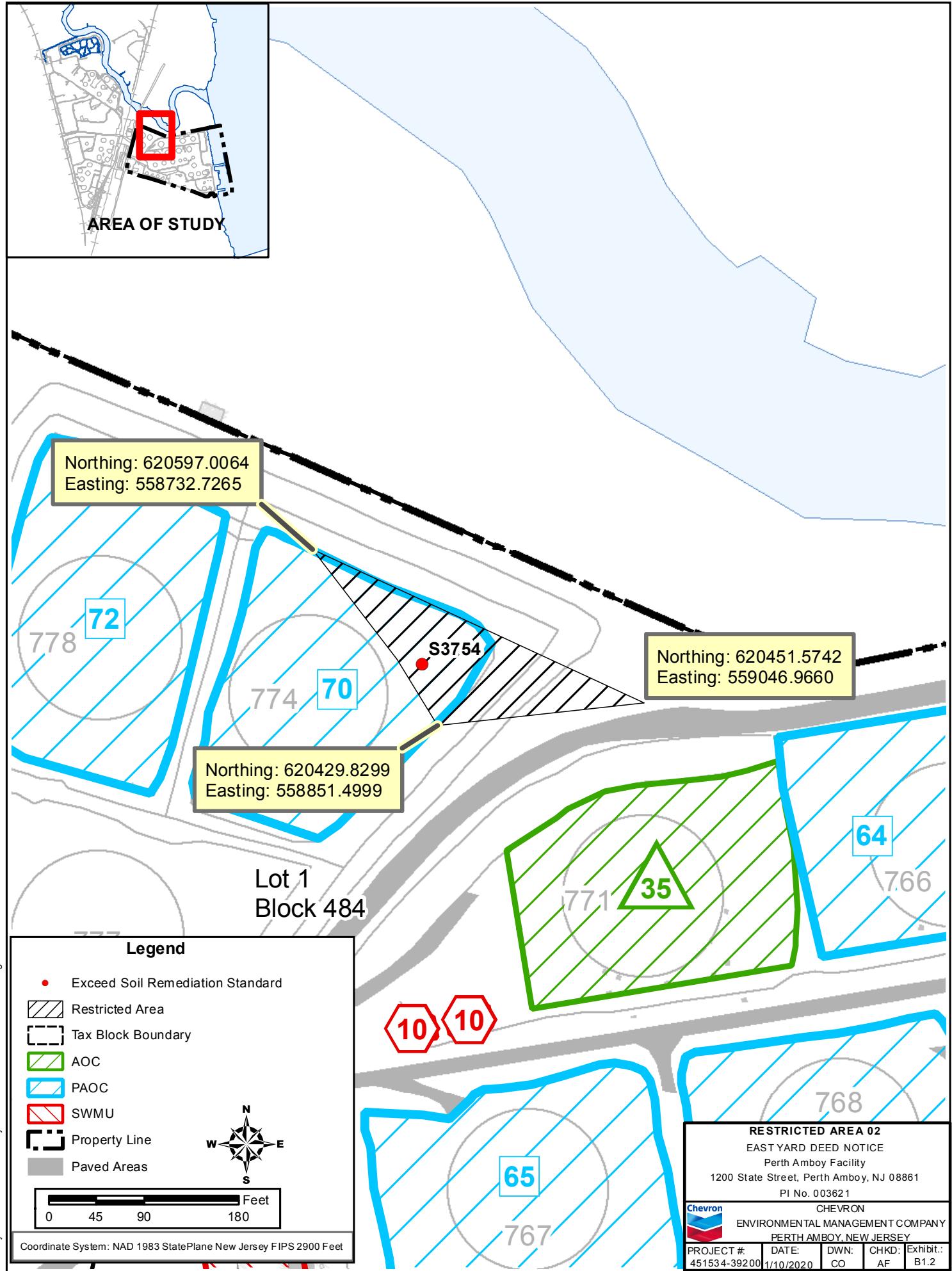
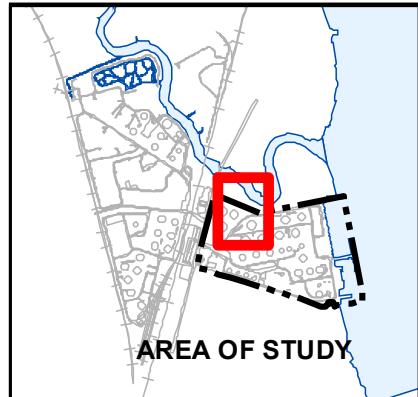
Area of Concern Specific Contamination

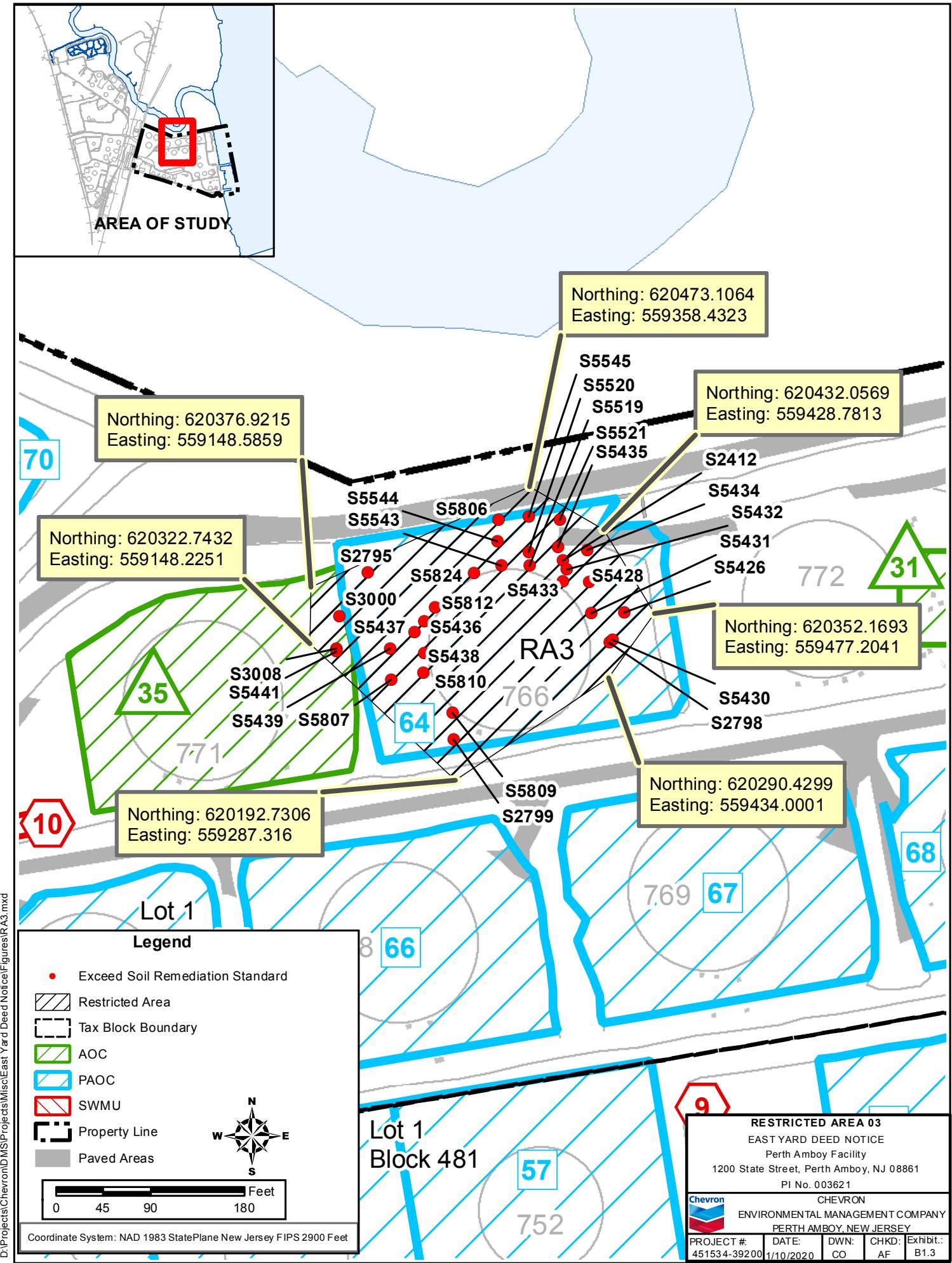
Restricted Area 4

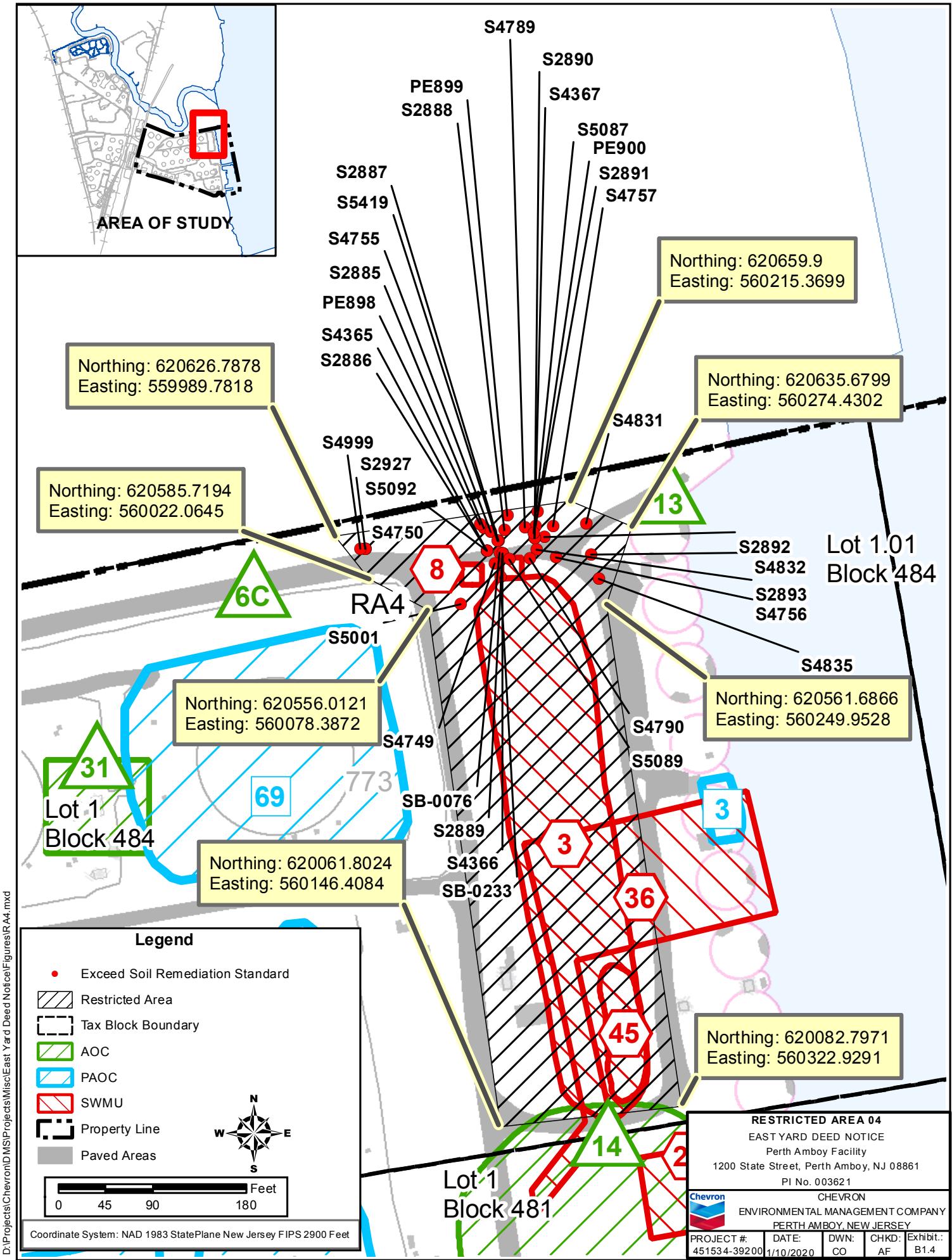
As per a NJDEP memo dated July 17, 1997, in reference to the Post-Remediation Analytical Report for the East Yard Basin (EYB) Dated: May 1997 (Restricted Area 4), the NJDEP outlined the final closure procedures recommended for this project. The site-specific closure guidelines developed by Chevron for the EYB remediation (and approved by the Department) stipulated total volatile organics (benzene, chloroform, 1, 2-dichloroethane, toluene, ethylbenzene and xylenes) at 500 mg/Kg, semi-volatile organics (benzo(a) anthracene, benzo(b)fluoranthene, benzo(a)pyrene, chrysene, dibenz(a,h) acridine, dibenz(a, h) anthracene) at 200 mg/Kg, nickel – 500 mg/Kg, lead – 600 mg/Kg and chromium – 1500 mg/Kg. The analytical results reveal no exceedances of the site-specific closure guidelines. However, soil results were detected above the applicable NJDEP Soil Cleanup Criteria (“SCC”). Current Department regulations require that since soil contamination above the Residential Direct Contact SCC remains at the EYB after completion of the remedial action, a Declaration of Environmental Restrictions (“DER”) must be established.

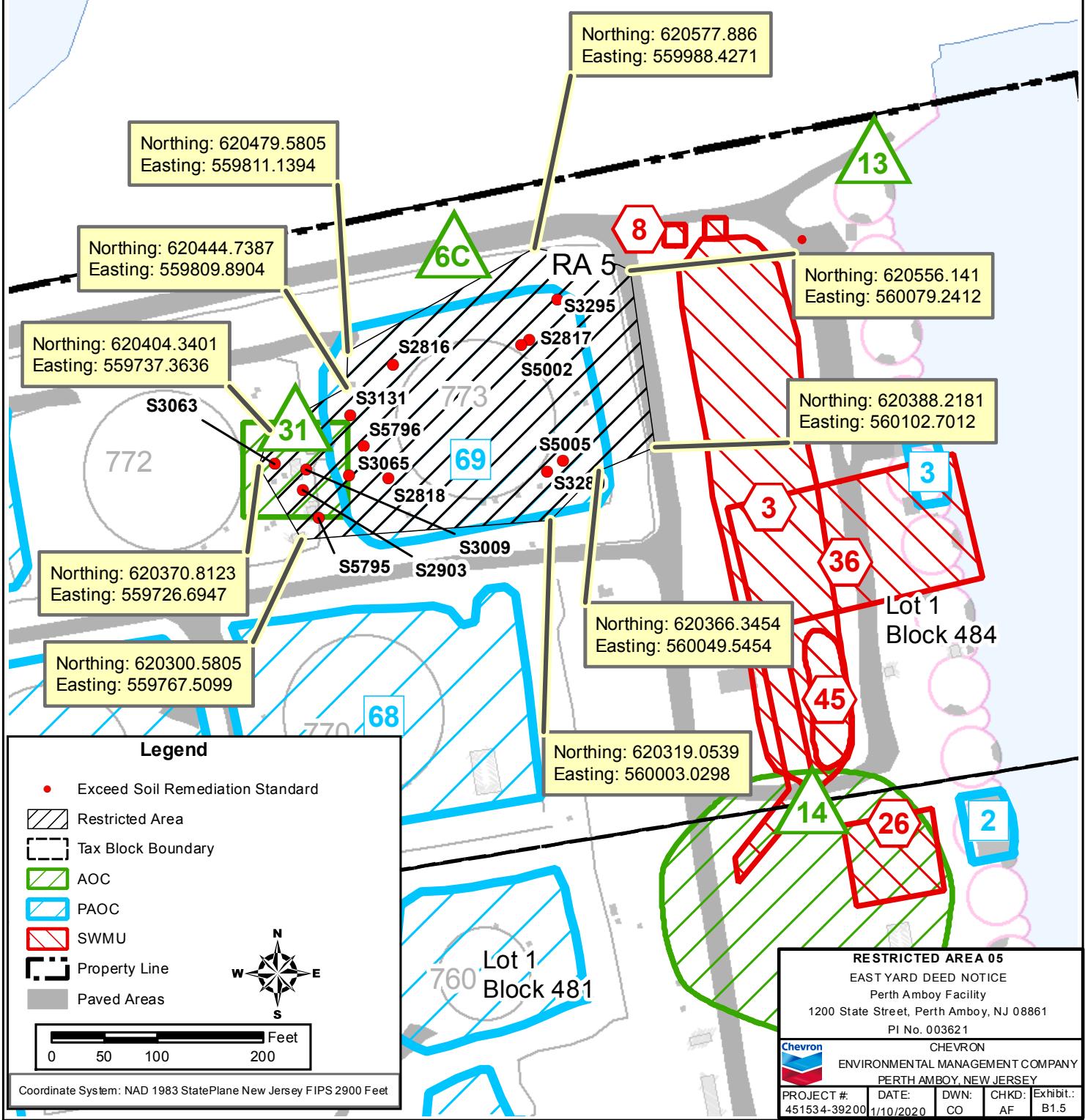
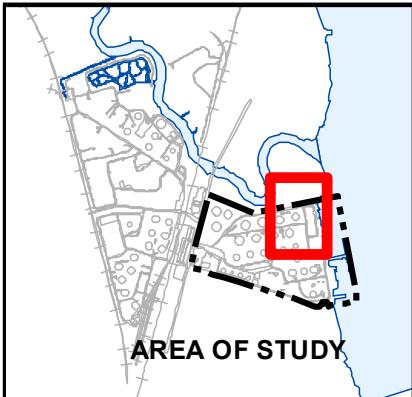
Exhibit B-1: Restricted Area Maps

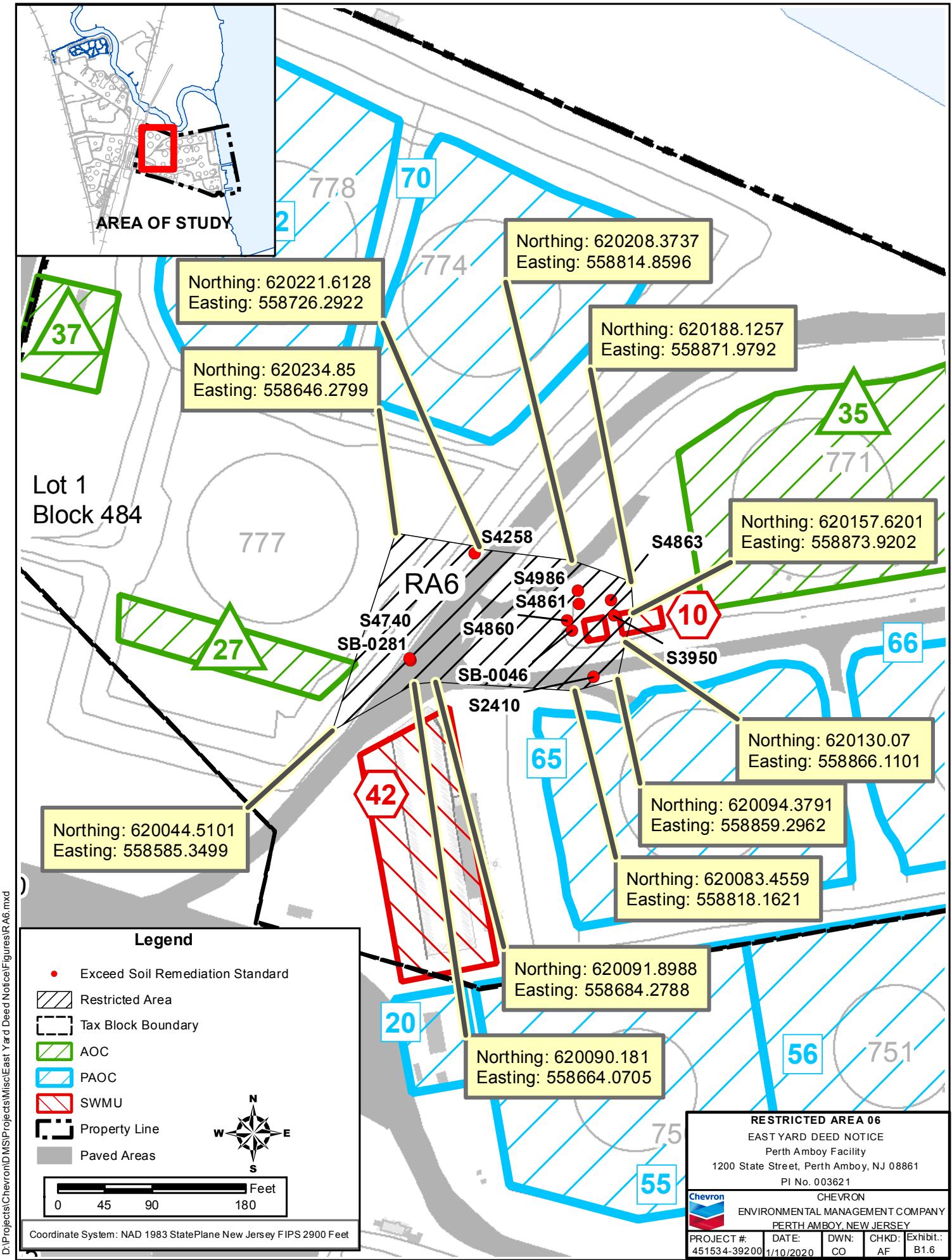


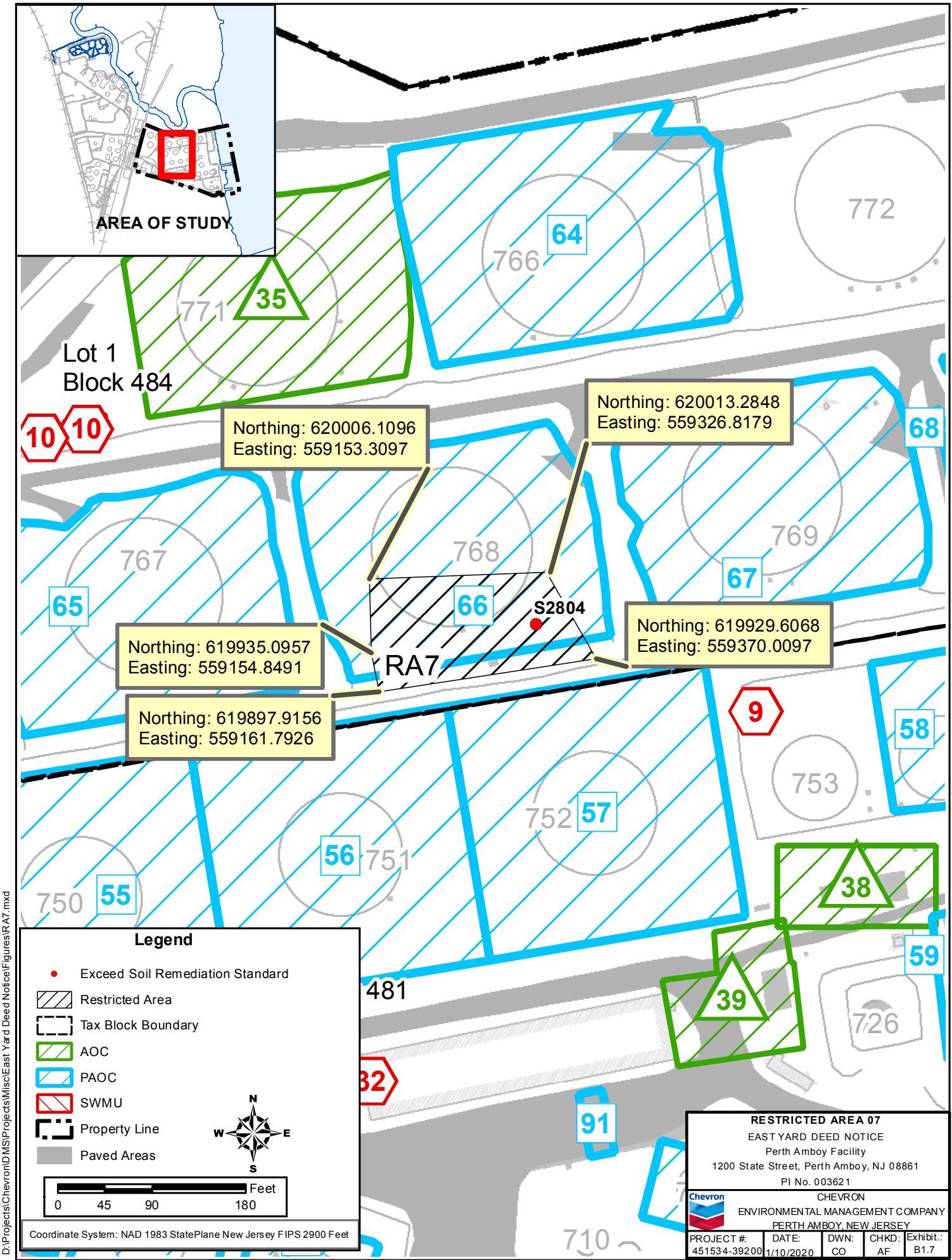


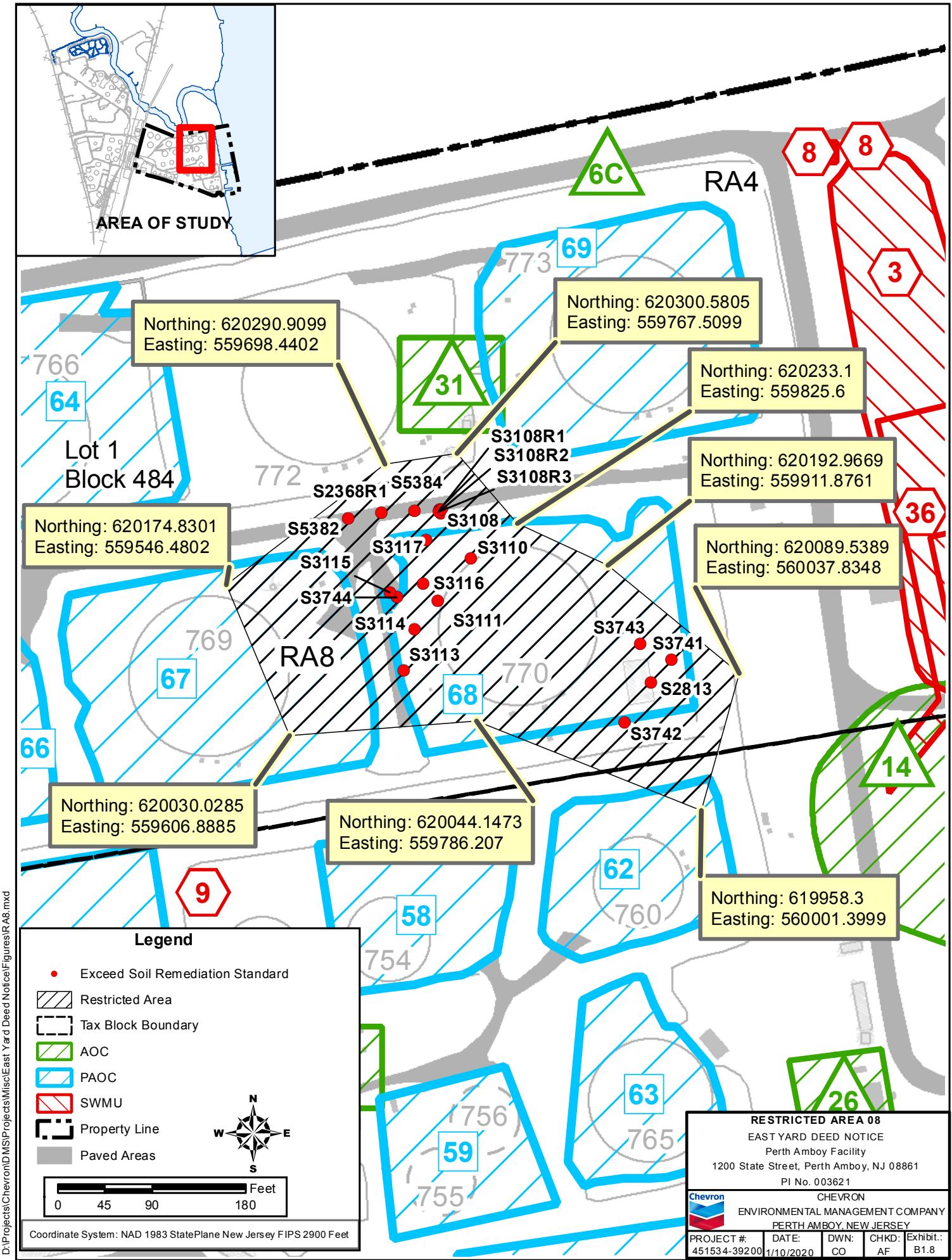


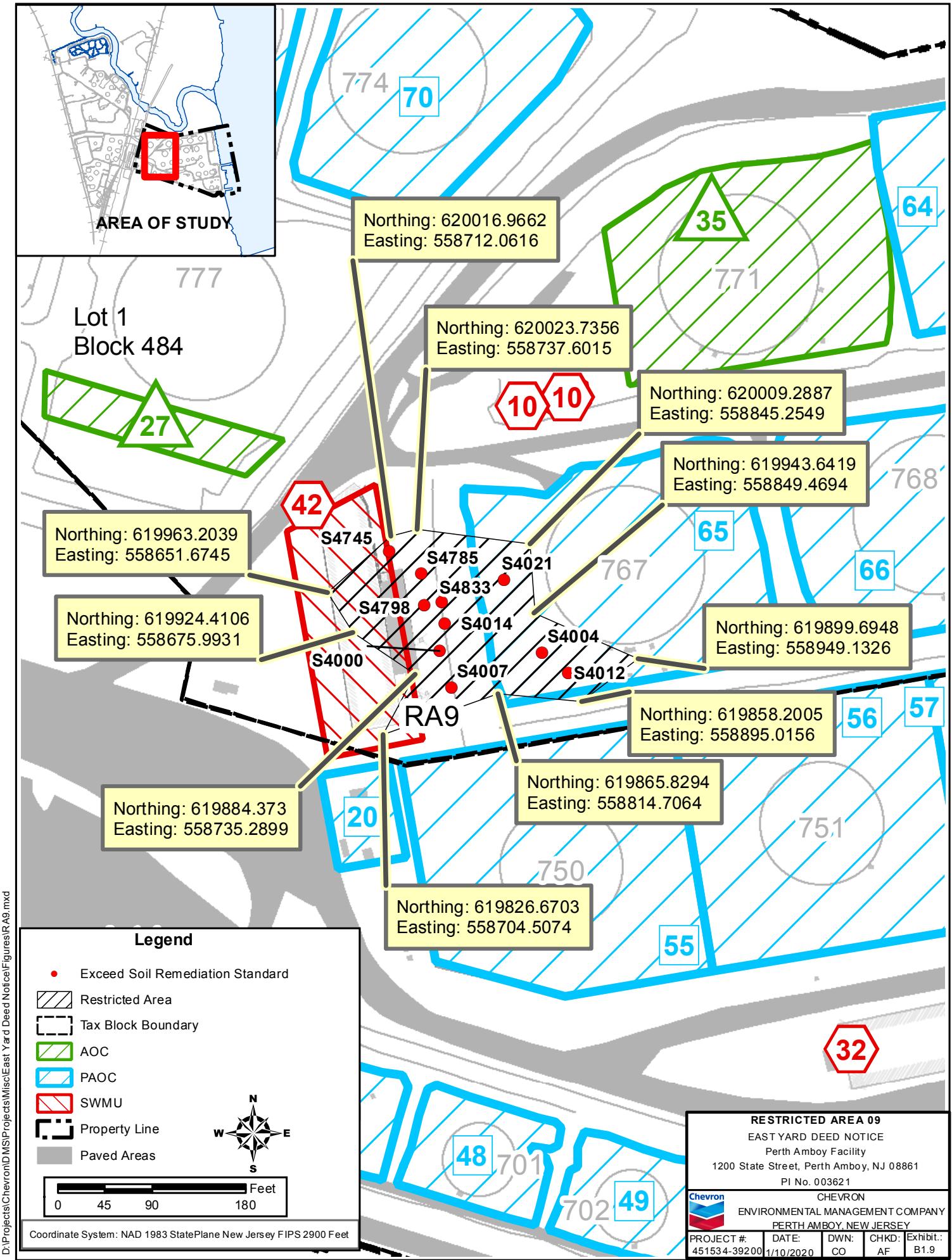


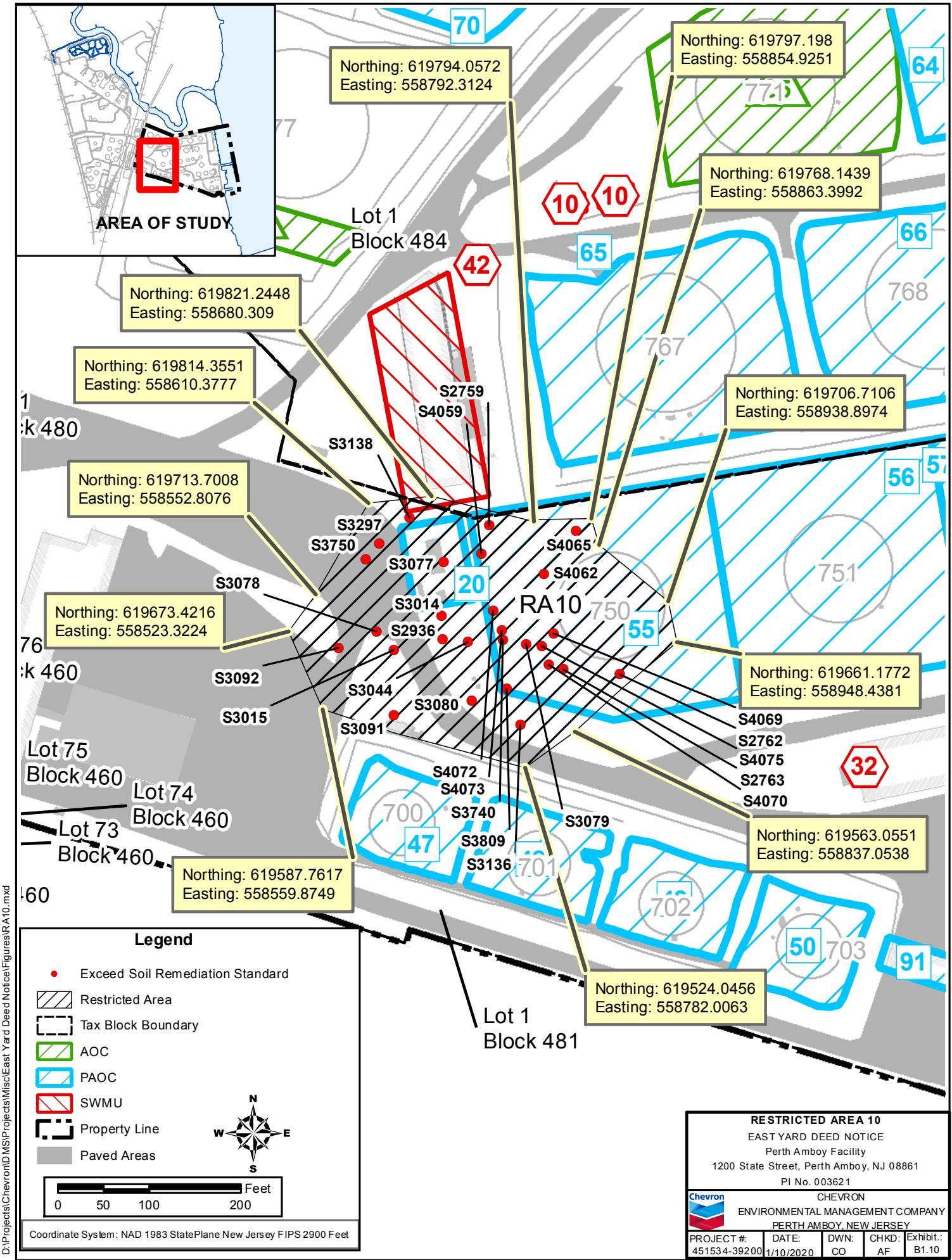


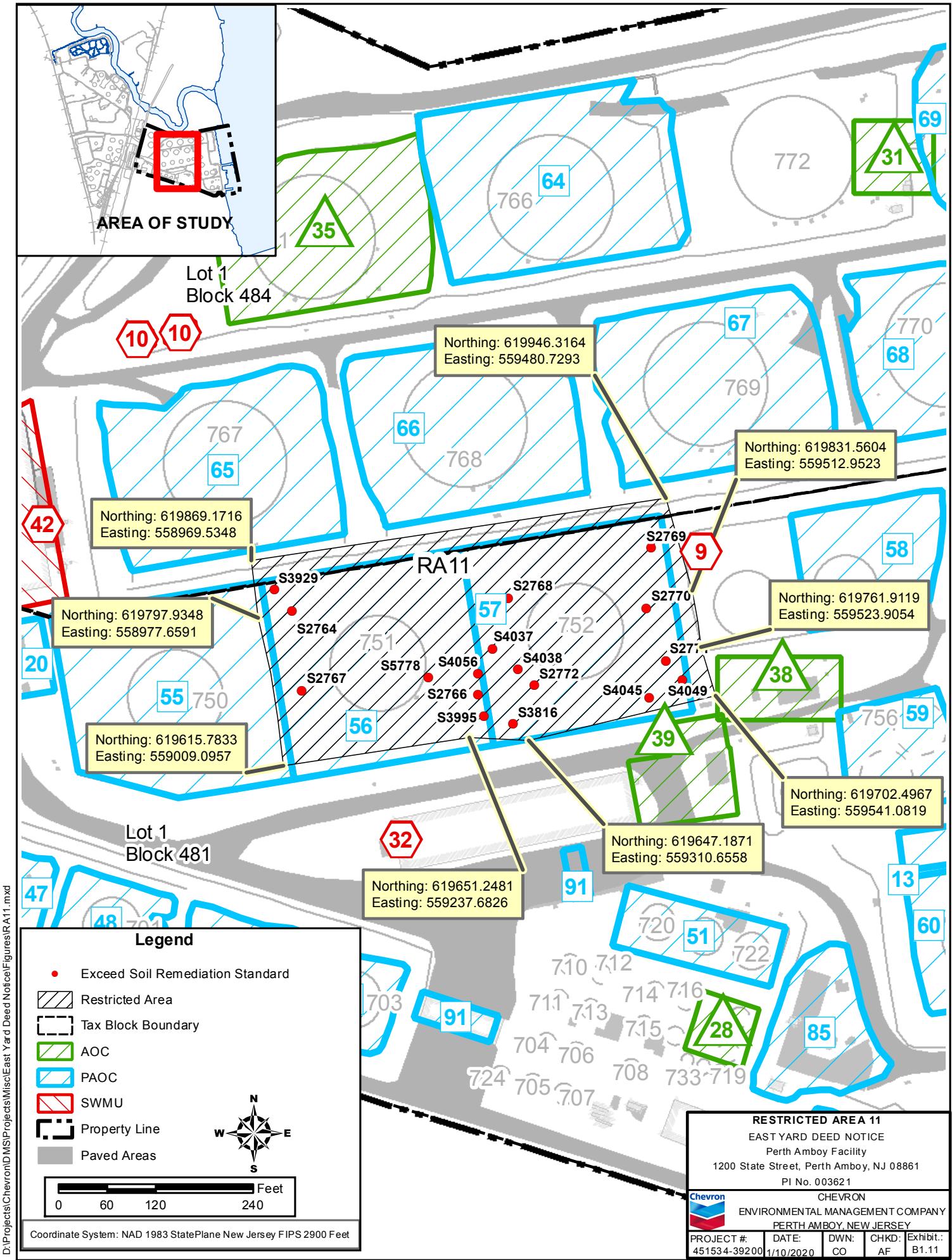


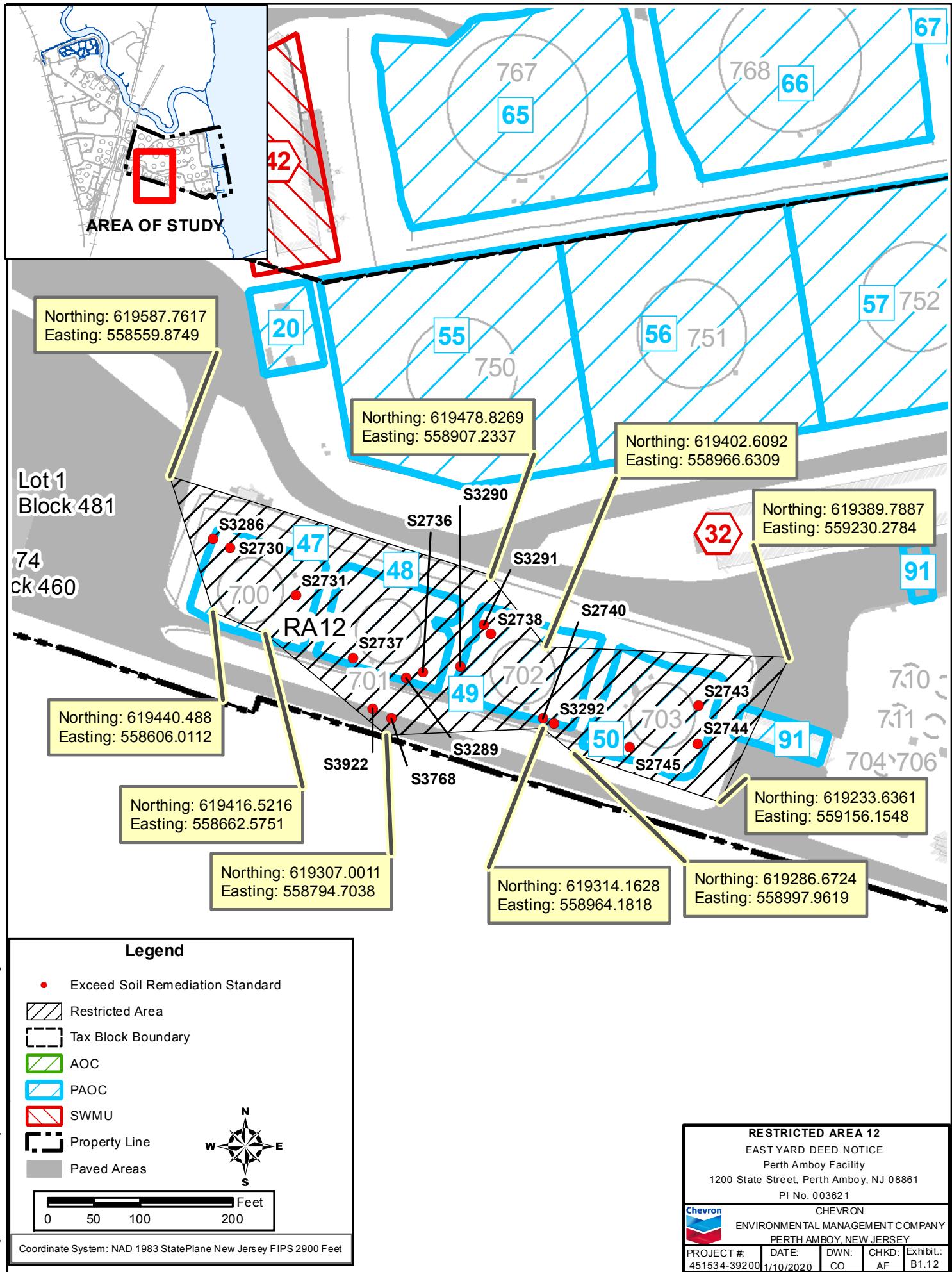


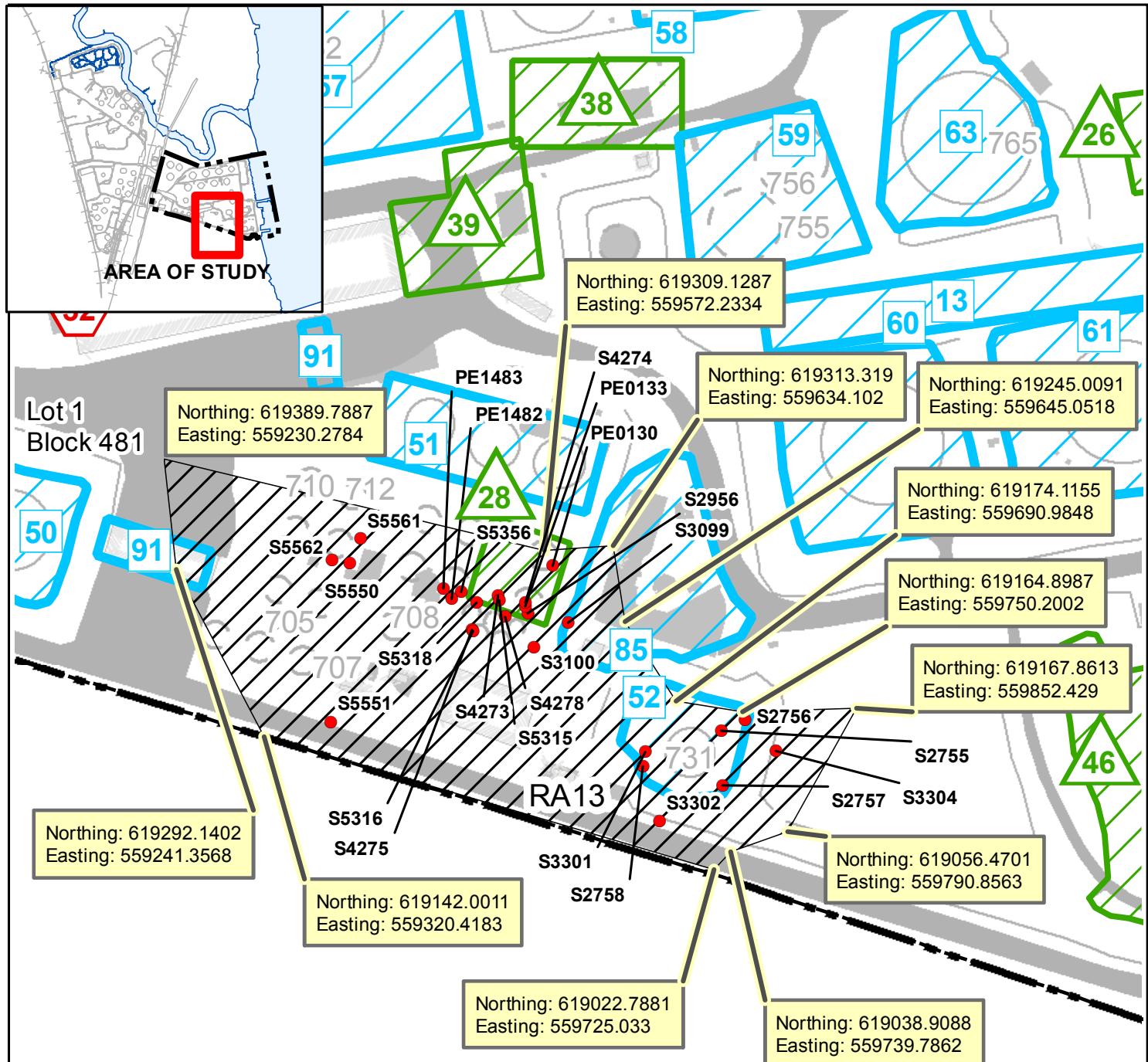




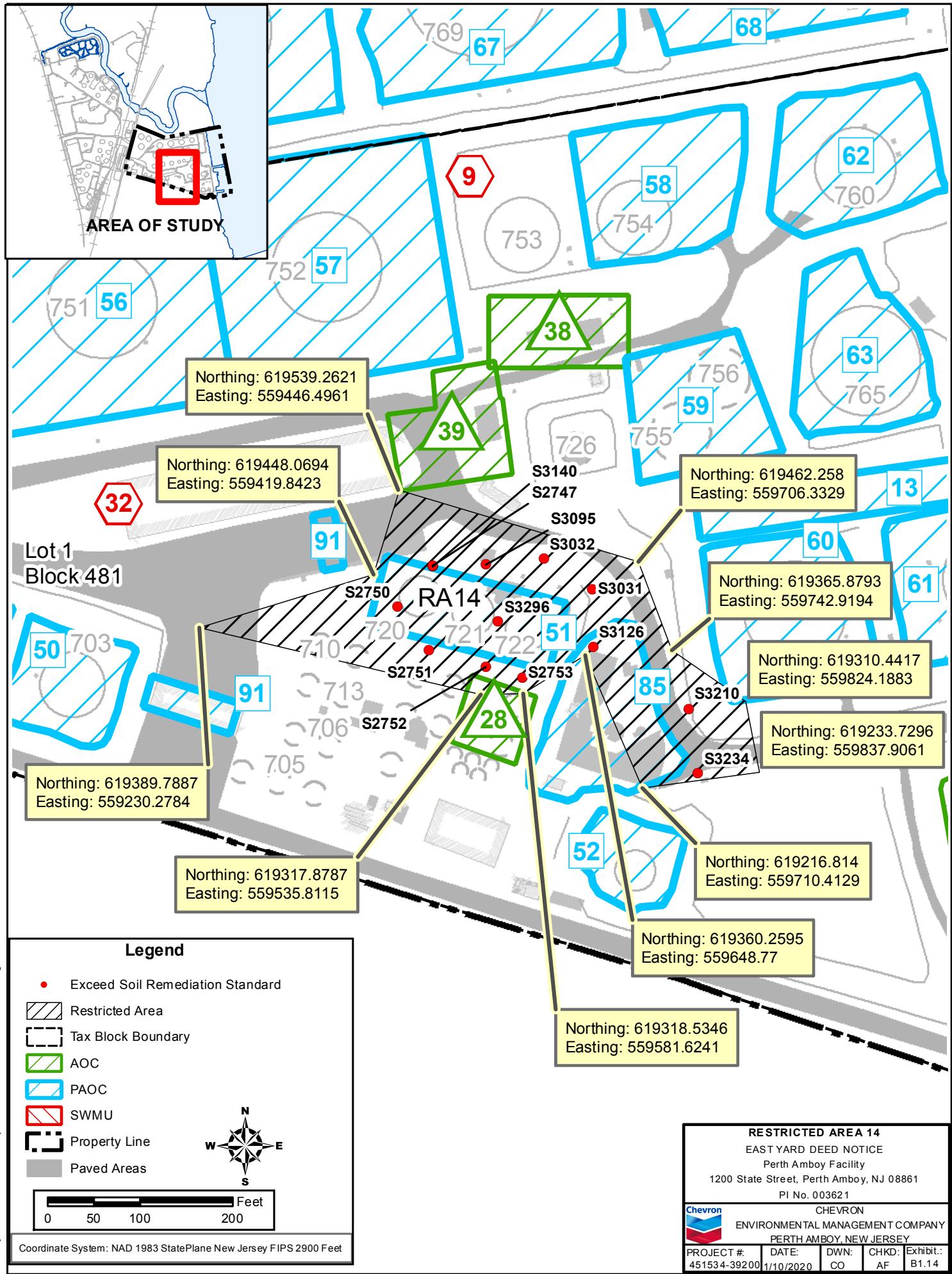


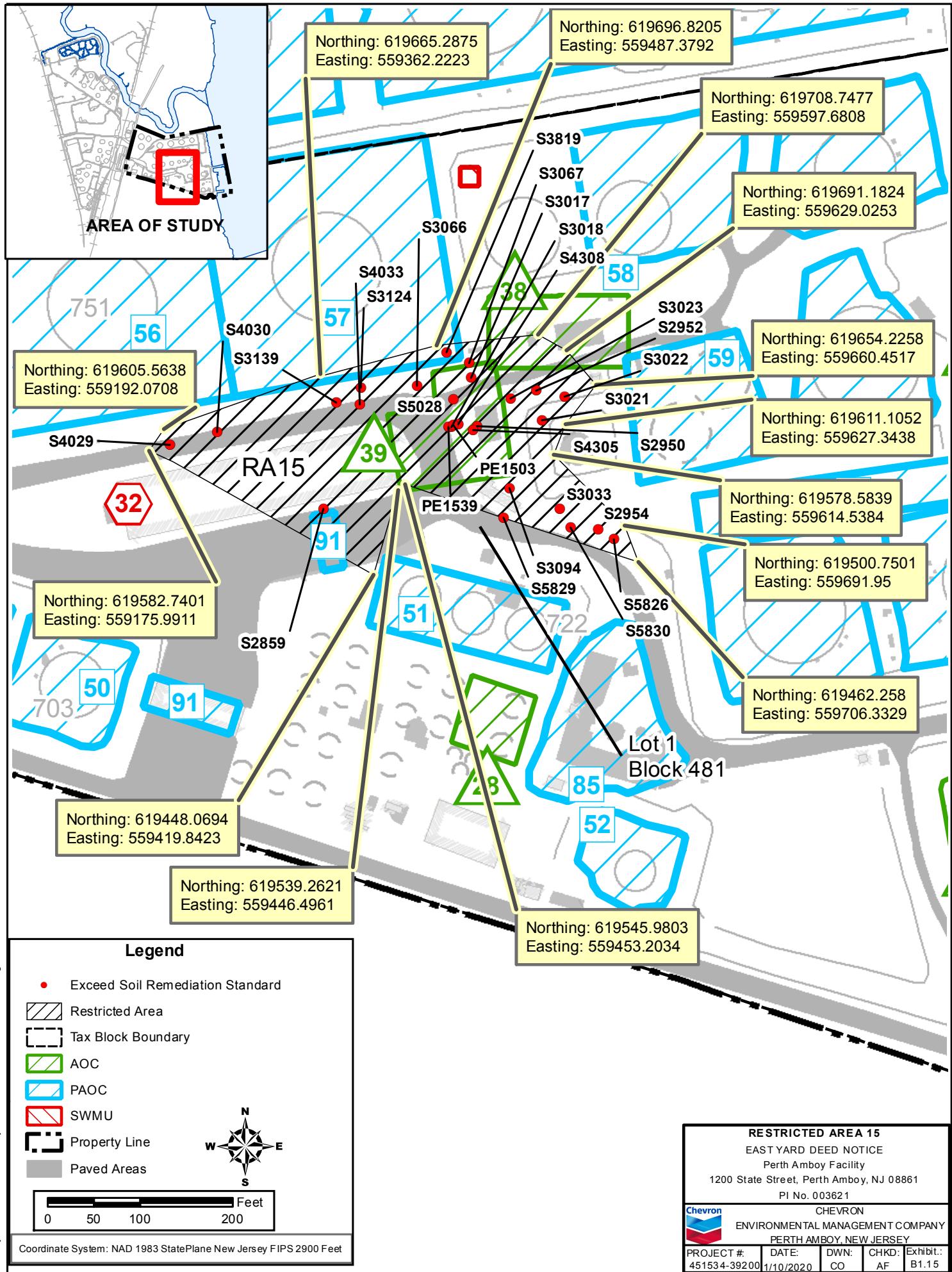


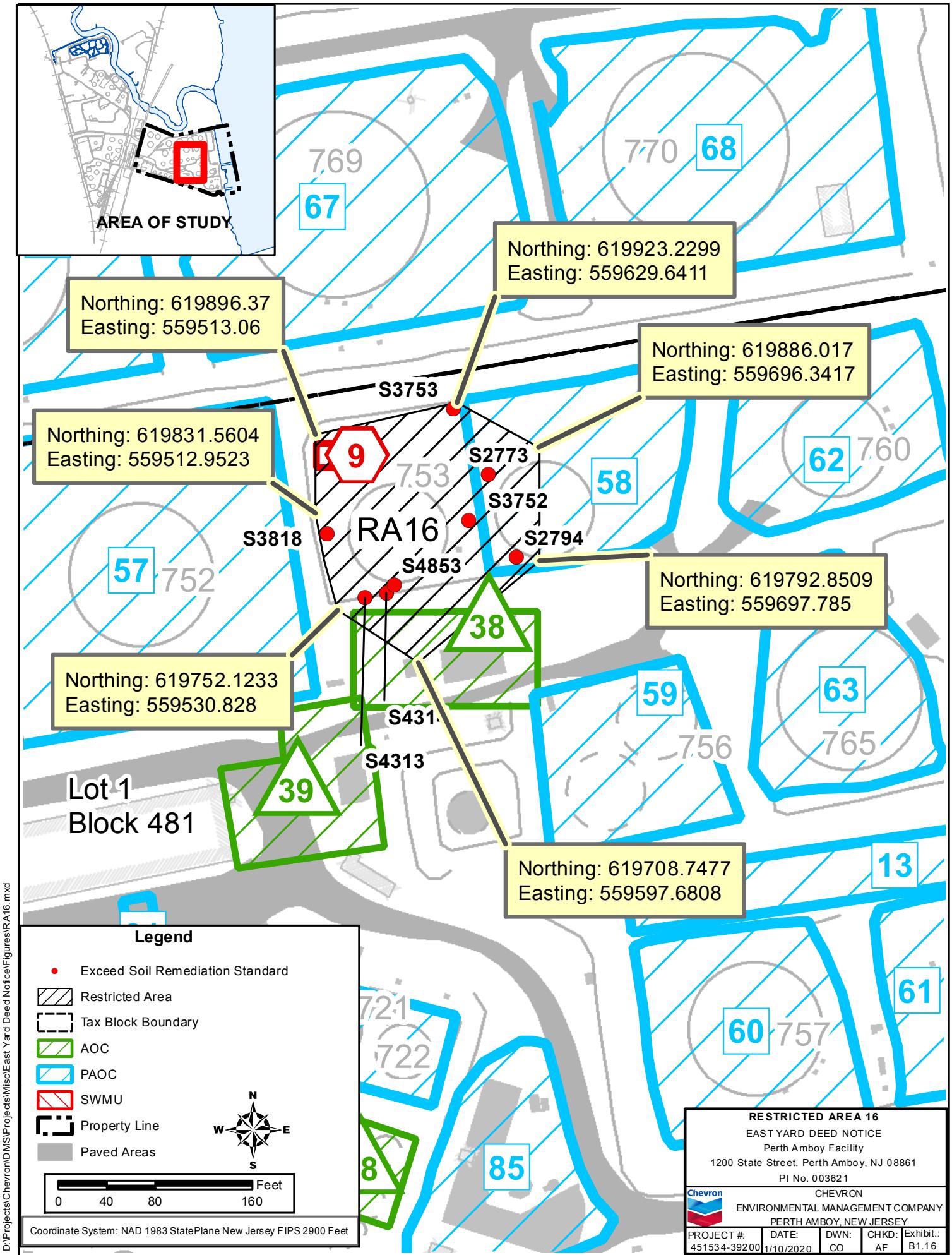


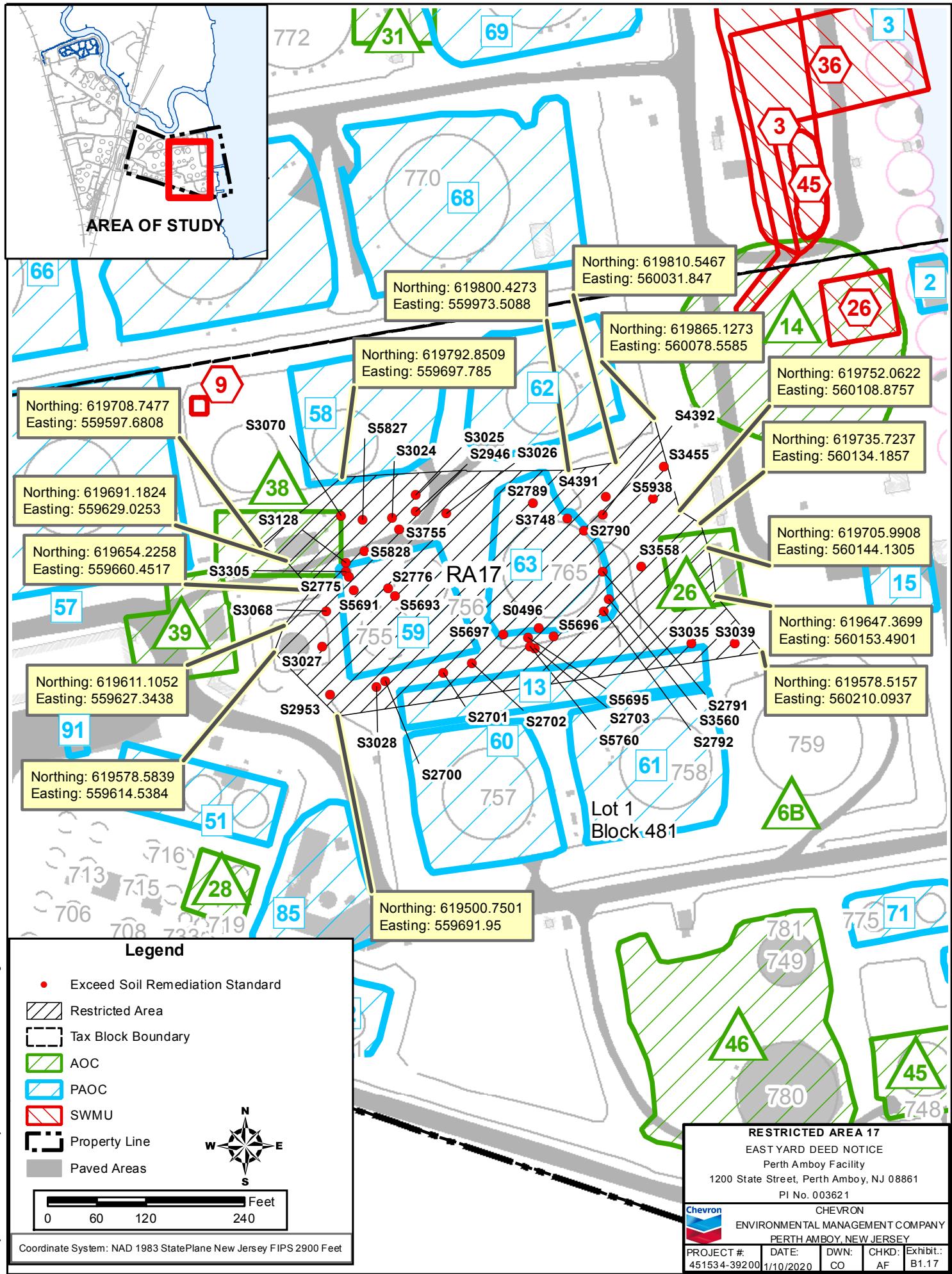


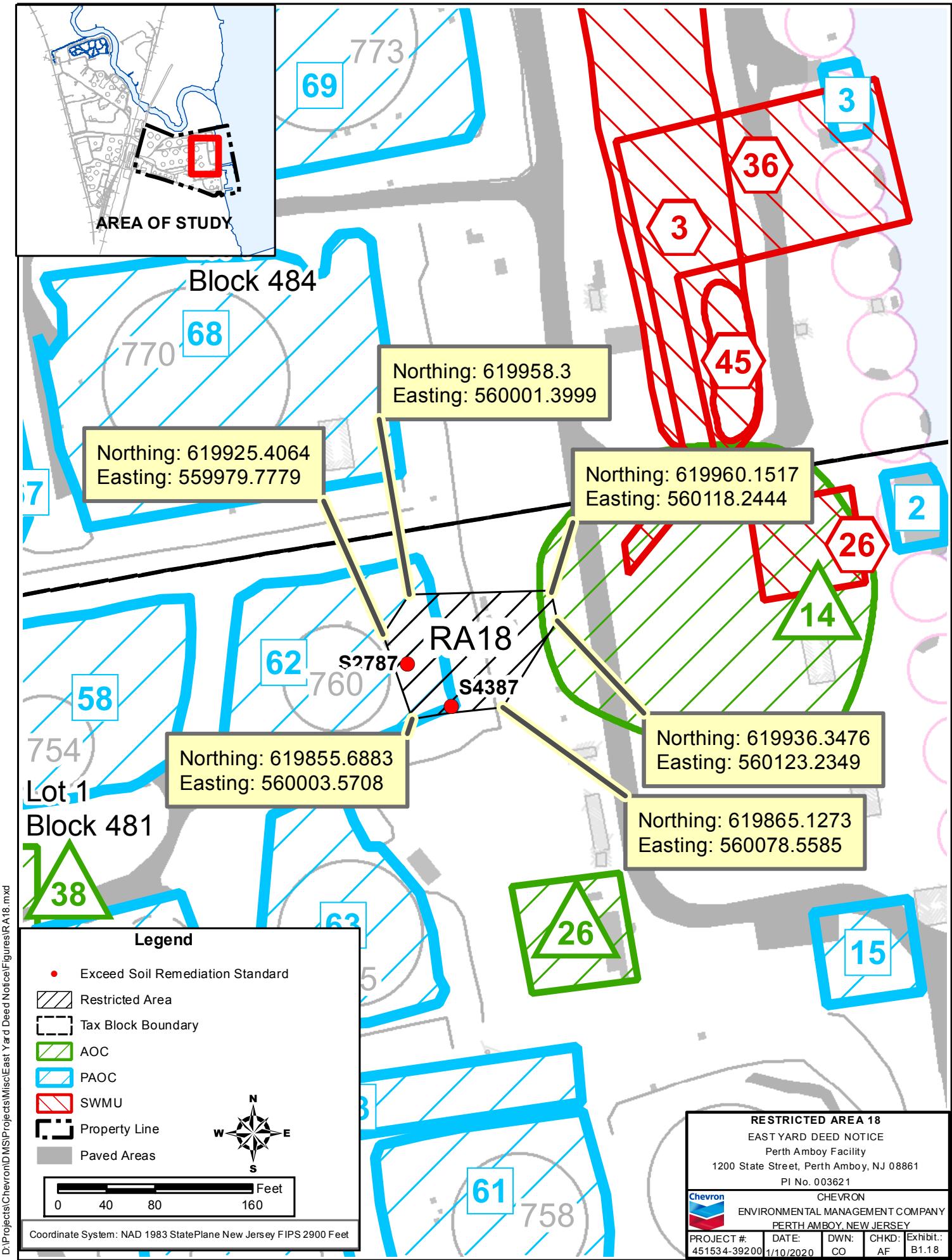
RESTRICTED AREA 13			
EAST YARD DEED NOTICE			
Perth Amboy Facility			
1200 State Street, Perth Amboy, NJ 08861			
PI No. 003621			
CHEVRON			
ENVIRONMENTAL MANAGEMENT COMPANY			
PERTH AMBOY, NEW JERSEY			
PROJECT #:	DATE:	DWN:	CHKD:
451534-39200	1/10/2020	CO	Exhibit.: AF

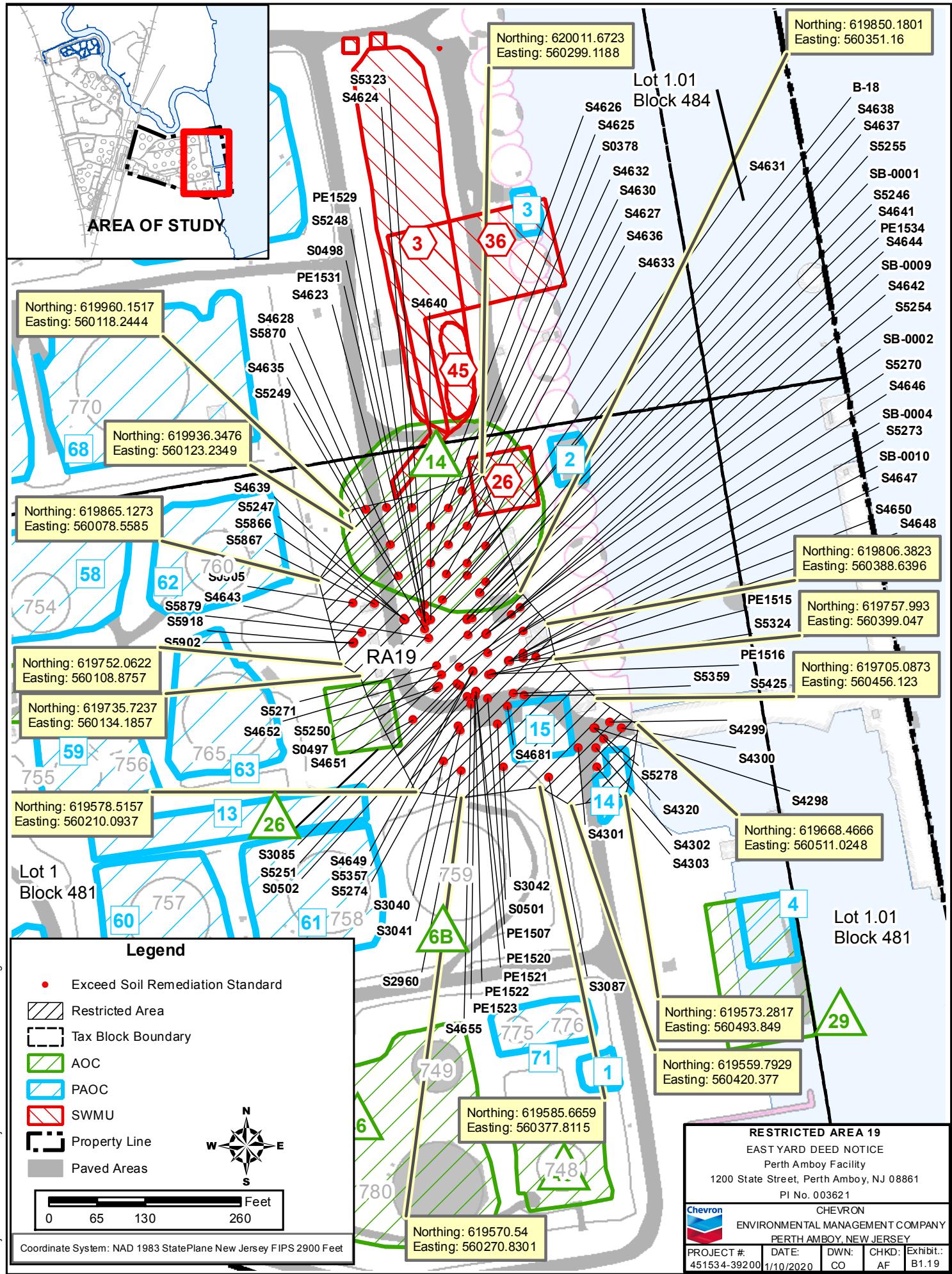


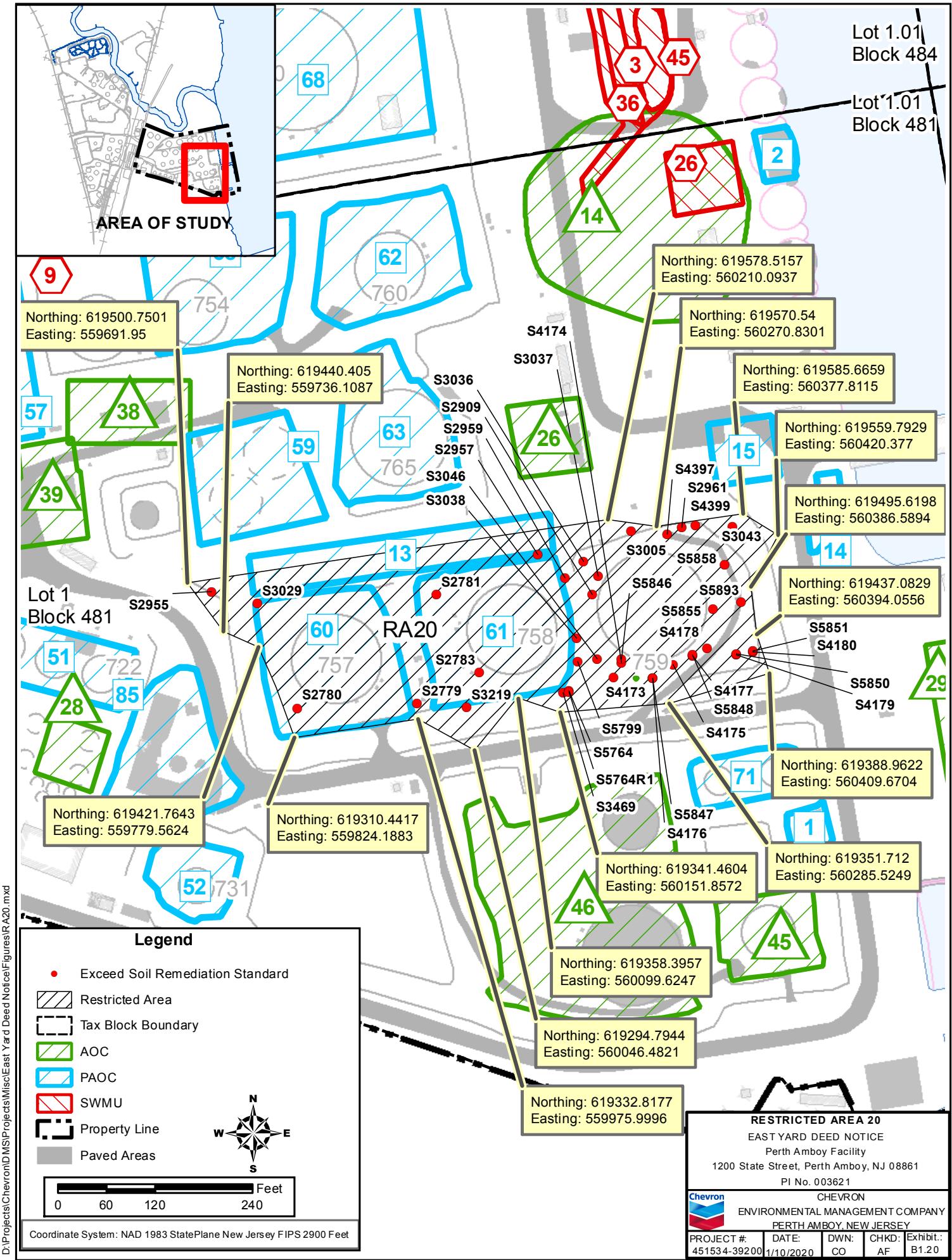


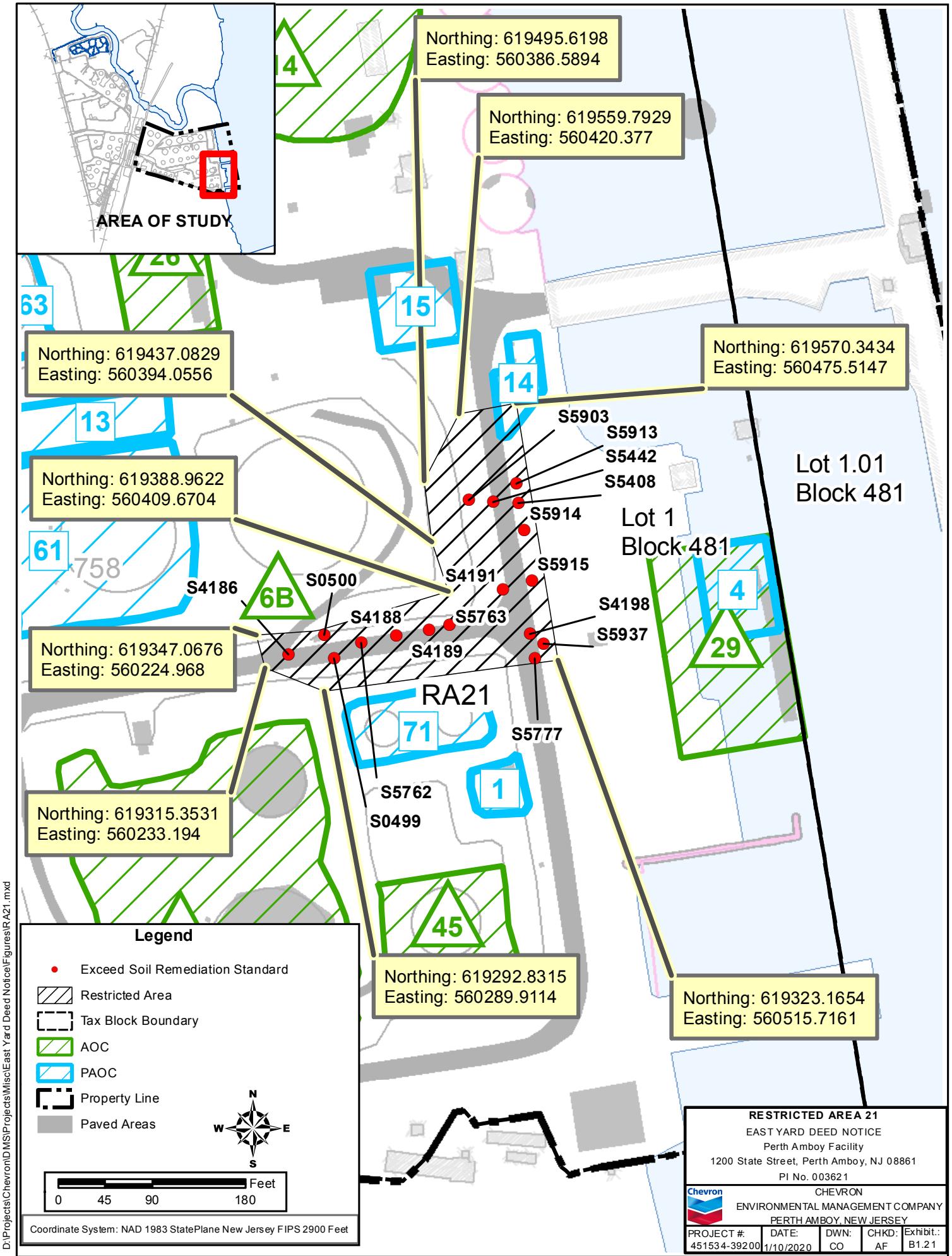


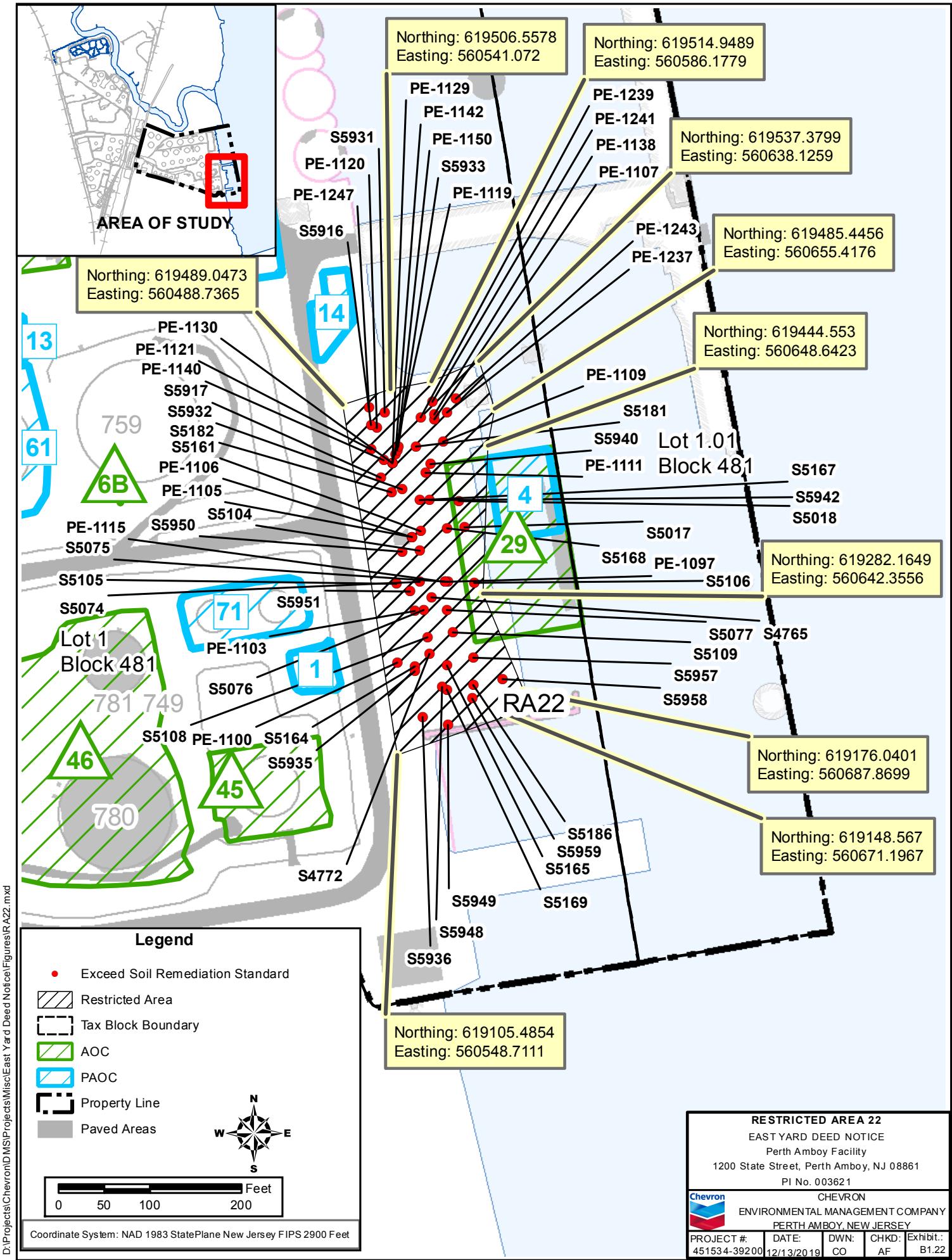


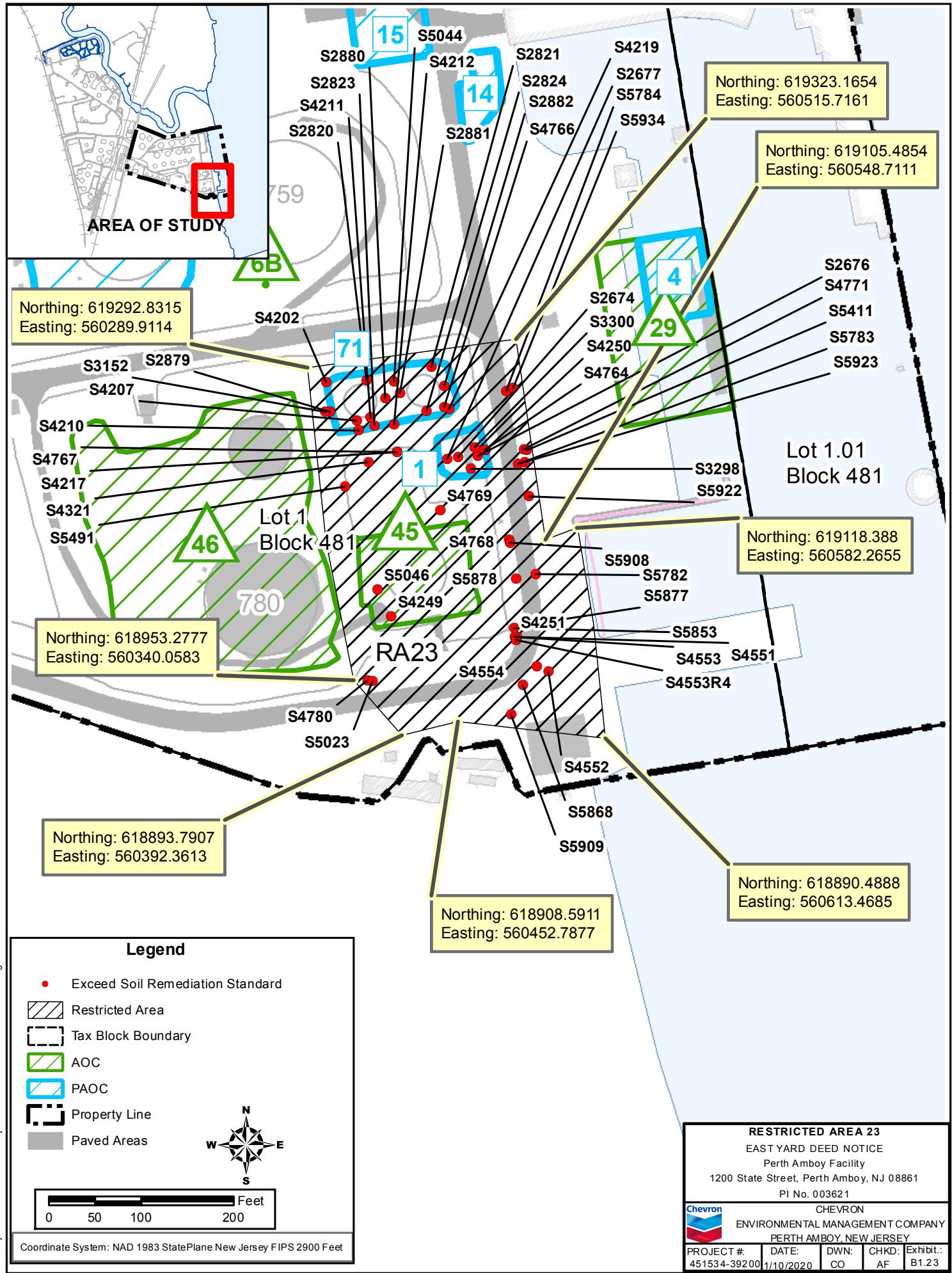


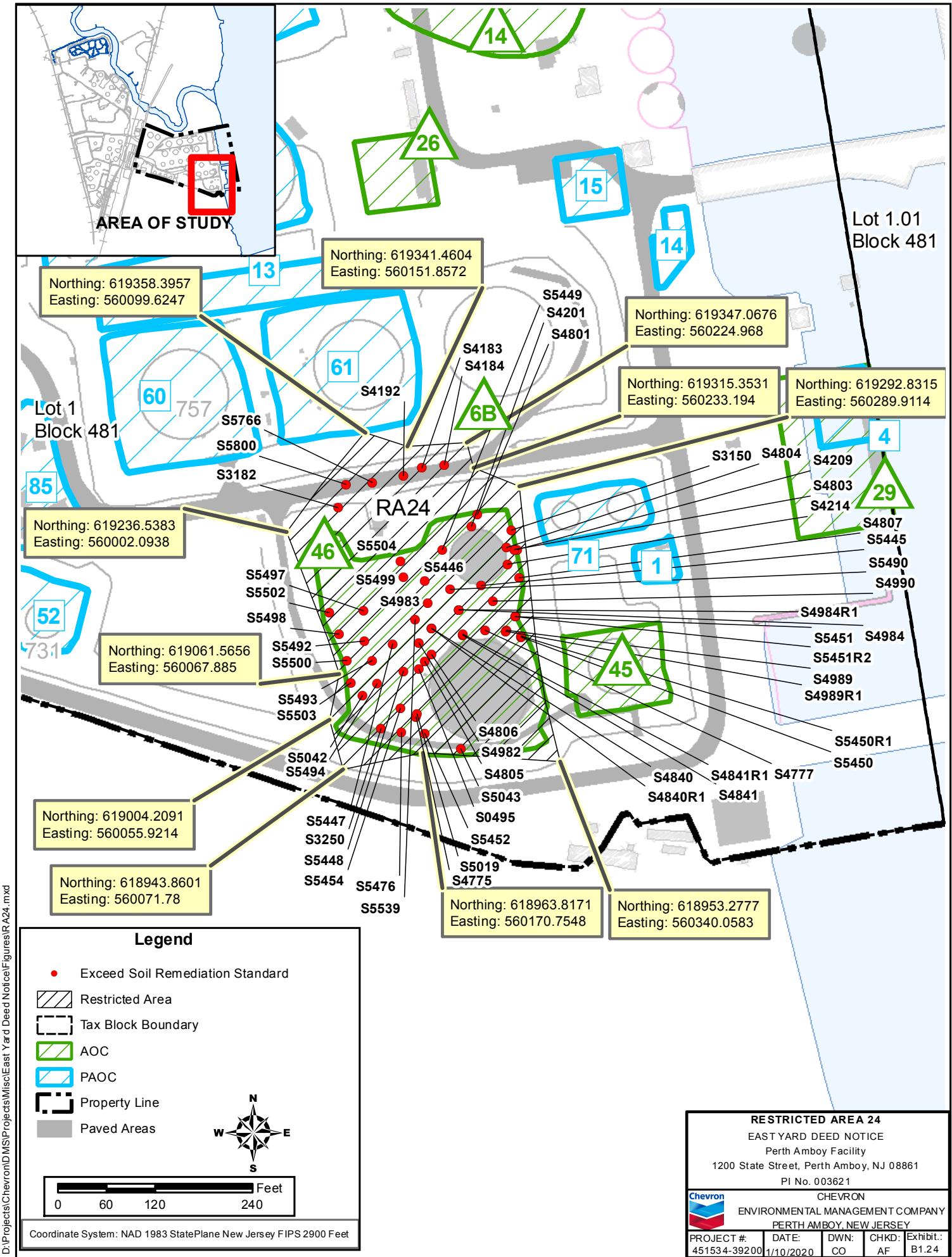


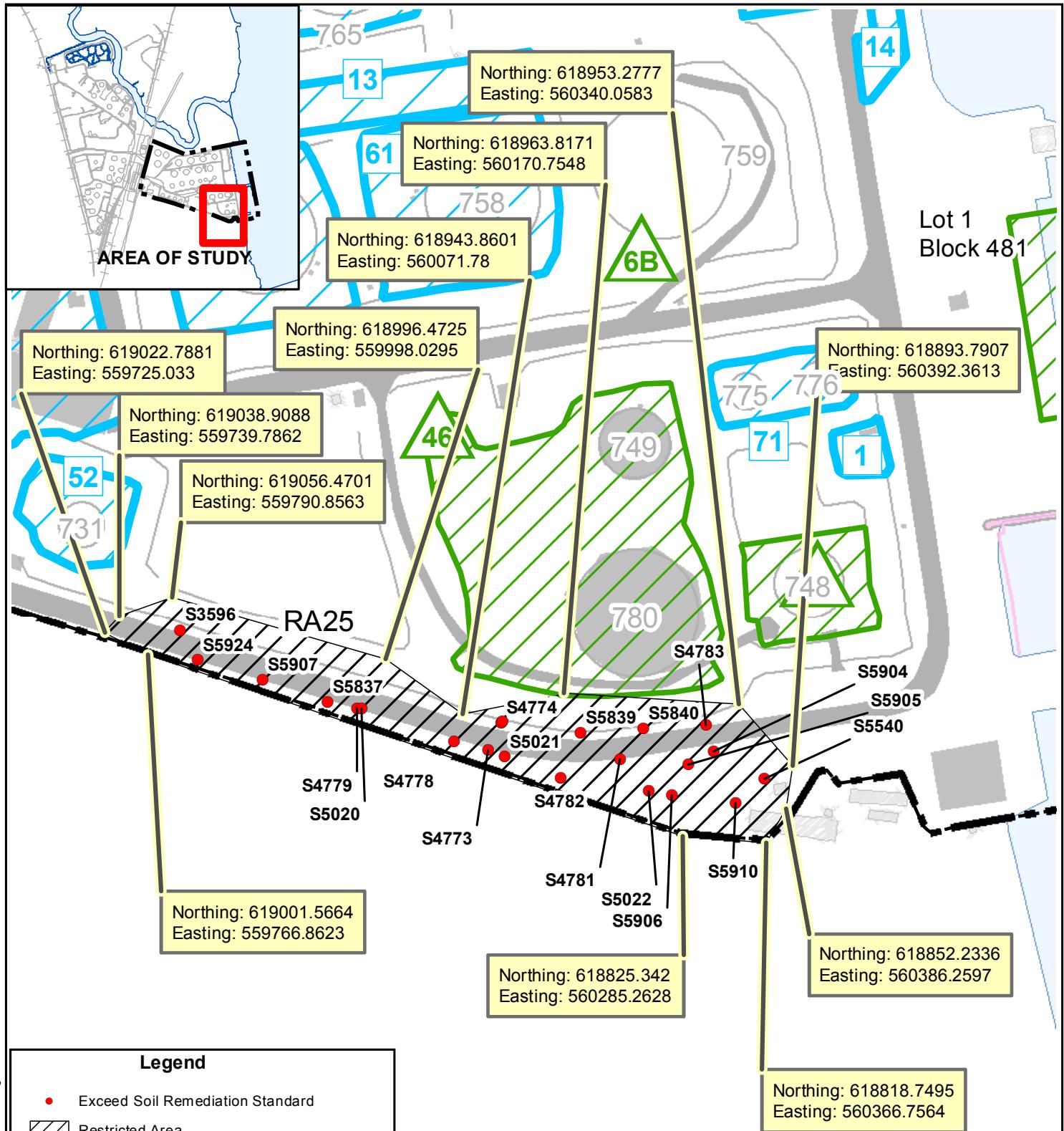












Legend

- Exceed Soil Remediation Standard
- ▨ Restricted Area
- ▬ Tax Block Boundary
- AOC
- ▬ PAOC
- ▬ Property Line
- ▨ Paved Areas



0 50 100 200 Feet

Coordinate System: NAD 1983 StatePlane New Jersey FIPS 2900 Feet

RESTRICTED AREA 25

EAST YARD DEED NOTICE

Perth Amboy Facility

1200 State Street, Perth Amboy, NJ 08861

PI No. 003621

CHEVRON	ENVIRONMENTAL MANAGEMENT COMPANY		
	PERTH AMBOY, NEW JERSEY		
PROJECT #:	DATE:	DWN:	CHKD:
451534-39200	1/10/2020	CO	Exhibit.: AF

Exhibit B-2: Restricted Area Data Table

Chevron Perth Amboy
Exhibit B-2
Contaminants of Concern

Contaminant Name	CAS ID
1,2-Dibromoethane	106-93-4
2,4-Dinitrotoluene	121-14-2
Acetophenone	98-86-2
Antimony	7440-36-0
Arsenic	7440-38-2
Atrazine	1912-24-9
Barium	7440-39-3
Benzaldehyde	100-52-7
Benzene	71-43-2
Benzenethiol	108-98-5
Benzo(a)anthracene	56-55-3
Benzo(a)pyrene	50-32-8
Benzo(b)fluoranthene	205-99-2
Chloroform	67-66-3
Dibenz(a,h)anthracene	53-70-3
Indeno(1,2,3-cd)Pyrene	193-39-5
Lead	7439-92-1
Manganese	7439-96-5
Naphthalene	91-20-3
N-Nitrosodi-n-propylamine	621-64-7

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-1

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2825	S4464	S4465	S4466	S4467	S4468
			Field Sample ID	S2825E4	S4464E1	S4465E2	S4466E3	S4467E1	S4468D4
			Sample Date	03/26/2013	05/11/2015	05/26/2015	05/11/2015	05/11/2015	05/08/2015
			Mean Surface Elevation (feet)	11.80	11.80	11.80	11.80	11.80	11.80
			Sample Depth (feet)	9.5 - 10	8 - 8.5	8.5 - 9	9 - 9.5	8 - 8.5	7.5 - 8
			Associated AOC	PAOC - 72	TB 777				
				Report Result					
Benzene	5	2		0.017	24 J	7.4 J	61	61	170 J
Benzo(a)pyrene	0.2	0.2		0.36	-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-1

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4469	S4469	S4472	S4473	S4474	S4475
			Field Sample ID	S4469E2	S4469F1	S4472D4	S4473D2	S4474D4	S4475E3
			Sample Date	05/26/2015	05/26/2015	06/01/2015	05/18/2015	06/02/2015	06/02/2015
			Mean Surface Elevation (feet)	11.80	11.80	11.80	11.80	11.80	11.80
			Sample Depth (feet)	8.5 - 9	10 - 10.5	7.5 - 8	6.5 - 7	7.5 - 8	8.5 - 9
			Associated AOC	TB 777	TB 777	AOC 37	AOC 37	AOC 37	AOC 37
				Report Result					
Benzene	5	2		36 J	19	17 J	34 J	5.4 J	7.0 J
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-	-

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-1

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4478	S4478	S4479	S4480	S4481	S4482
			Field Sample ID	S4478A4	S4478R1C1	S4479B4	S4480B3	S4481B3	S4482C1
			Sample Date	06/02/2015	06/02/2015	05/04/2015	09/04/2014	09/04/2014	09/05/2014
			Mean Surface Elevation (feet)	11.80	11.80	11.80	11.80	11.80	11.80
			Sample Depth (feet)	1.5 - 2	4 - 4.5	3.5 - 4	3 - 3.5	3 - 3.5	4 - 4.5
			Associated AOC	AOC 37					
				Report Result					
Benzene	5	2		21 J	21	7.6 J	65 J	11	130 J
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-	-

Notes:

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3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-1

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4484	S4485	S4555	S4559	S4830
			Field Sample ID	S4484D2	S4485D1	S4555D1	S4559E2	S4830D3
			Sample Date	09/05/2014	09/11/2014	10/02/2014	10/02/2014	06/08/2015
			Mean Surface Elevation (feet)	11.80	11.80	11.80	11.80	11.80
			Sample Depth (feet)	6.5 - 7	6 - 6.5	6 - 6.5	8.5 - 9	7 - 7.5
			Associated AOC	AOC 37				
				Report Result				
Benzene	5	2		50 J+	27 J	9.9	13 J	30 J
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-1

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4864	S4865	S5554
			Field Sample ID	S4864E3	S4865D3	S5554E1
			Sample Date	07/29/2015	07/29/2015	09/18/2017
			Mean Surface Elevation (feet)	11.80	11.80	11.80
			Sample Depth (feet)	9 - 9.5	7 - 7.5	8 - 8.5
			Associated AOC	AOC 37	AOC 37	AOC 37
				Report Result	Report Result	Report Result
Benzene	5	2		5.8 J	480 J	12
Benzo(a)pyrene	0.2	0.2		-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-2

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3754	S3754
			Field Sample ID	D1002133	S3754D1
			Sample Date	10/02/2013	10/02/2013
			Mean Surface Elevation (feet)	11.00	11.00
			Sample Depth (feet)	6 - 6.5	6 - 6.5
			Associated AOC	PAOC 70	PAOC 70
				Report Result	Report Result
Arsenic	19	19		19.1	16.9

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-3

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDGSRS (mg/Kg)	Location ID	S2412	S2795	S2798	S2798	S2799
			Field Sample ID	S2412B1	S2795D1	S2798A2	S2798B1	S2799A3
			Sample Date	01/22/2007	04/04/2013	02/22/2013	02/22/2013	04/04/2013
			Mean Surface Elevation (feet)	12.20	12.20	12.20	12.20	12.20
			Sample Depth (feet)	2 - 2.5	6 - 6.5	0.5 - 1	2 - 2.5	1 - 1.5
			Associated AOC	PAOC 64				
				Report Result				
Arsenic	19	19		-	28.2	264	57.8	45.3
Lead	800	400		7990	31.4	3430	1090	745

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDGSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-3

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3000	S3008	S5426	S5428	S5430
			Field Sample ID	S3000A4	S3008A4	S5426A2	S5428A4	S5430A2
			Sample Date	10/04/2012	10/17/2012	04/06/2017	04/07/2017	04/10/2017
			Mean Surface Elevation (feet)	12.20	12.20	12.20	12.20	12.20
			Sample Depth (feet)	1.5 - 2	1.5 - 2	0.5 - 1	1.5 - 2	0.5 - 1
			Associated AOC	PAOC 64	AOC 35	PAOC 64	PAOC 64	PAOC 64
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		25.6	86.6	24.5	64.6	316
Lead	800	400		357	1400	273 J	1370	6970

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
 2. RDCSRS - Residential Soil Remediation Standard
 3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
 3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-3

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5431	S5432	S5433	S5434	S5435
			Field Sample ID	S5431A2	S5432A3	S5433A2	D07171911	S5435A4
			Sample Date	04/10/2017	04/10/2017	04/10/2017	07/17/2019	04/11/2017
			Mean Surface Elevation (feet)	12.20	12.20	12.20	12.20	12.20
			Sample Depth (feet)	0.5 - 1	1 - 1.5	0.5 - 1	1.5 - 2	1.5 - 2
			Associated AOC	PAOC 64				
				Report Result				
Arsenic	19	19		81.9	-	25.1	111	30.2
Lead	800	400		2300	1060	419	-	573

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-3

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5436	S5437	S5437	S5438	S5438
			Field Sample ID	S5436A1	D0411179	S5437A3	S5438A2	S5438A4
			Sample Date	04/11/2017	04/11/2017	04/11/2017	04/12/2017	04/12/2017
			Mean Surface Elevation (feet)	12.20	12.20	12.20	12.20	12.20
			Sample Depth (feet)	0 - 0.5	1 - 1.5	1 - 1.5	0.5 - 1	1.5 - 2
			Associated AOC	PAOC 64				
				Report Result				
				29.7	28.7	35.3	33.2	24.1
Arsenic	19	19		526	478	587	337	468
Lead	800	400						

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-3

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5439	S5441	S5519	S5519	S5520
			Field Sample ID	S5439A4	S5441A3	D08021711	S5519A3	S5520A4
			Sample Date	04/12/2017	04/12/2017	08/02/2017	08/02/2017	08/02/2017
			Mean Surface Elevation (feet)	12.20	12.20	12.20	12.20	12.20
			Sample Depth (feet)	1.5 - 2	1 - 1.5	1 - 1.5	1 - 1.5	1.5 - 2
			Associated AOC	PAOC 64	AOC 35	PAOC 64	PAOC 64	PAOC 64
				Report Result				
Arsenic	19	19		30.2 J	-	77.2	80	102
Lead	800	400		393 J	2160	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
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3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-3

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5521	S5543	S5544	S5545	S5806
			Field Sample ID	S5521A2	S5543A1	S5544A4	S5545A3	D09121811
			Sample Date	08/02/2017	09/11/2017	09/11/2017	09/11/2017	09/12/2018
			Mean Surface Elevation (feet)	12.20	12.20	12.20	12.20	12.20
			Sample Depth (feet)	0.5 - 1	0 - 0.5	1.5 - 2	1 - 1.5	1 - 1.5
			Associated AOC	PAOC 64				
				Report Result				
				27.8	43.2 J	44.9	28.1	23.2 J
				-	-	-	-	-
Arsenic	19	19						
Lead	800	400						

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-3

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5806	S5807	S5809	S5810	S5812
			Field Sample ID	S5806A3	S5807A3	S5809A3	S5810A3	S5812A3
			Sample Date	09/12/2018	09/14/2018	09/14/2018	09/17/2018	09/17/2018
			Mean Surface Elevation (feet)	12.20	12.20	12.20	12.20	12.20
			Sample Depth (feet)	1 - 1.5	1 - 1.5	1 - 1.5	1 - 1.5	1 - 1.5
			Associated AOC	PAOC 64				
				Report Result				
Arsenic	19	19		35.1 J	31.2 J	83.3	26.8	77.5
Lead	800	400		-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-3

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5824
			Field Sample ID	S5824A2
			Sample Date	10/18/2018
			Mean Surface Elevation (feet)	12.20
			Sample Depth (feet)	0.5 - 1
			Associated AOC	PAOC 64
			Report Result	
				75.1
Arsenic	19	19		-
Lead	800	400		-

Notes:

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3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-4

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	SB-0076	SB-0233	S2885	S2886	S2886
			Field Sample ID	SB-0076S-D	SB-0233S-F	S2885D3	S2886B4	S2886D1
			Sample Date	11/16/1995	06/21/1996	10/22/2012	10/22/2012	10/22/2012
			Mean Surface Elevation (feet)	8.50	8.50	8.50	8.50	8.50
			Sample Depth (feet)	4 - 6	10 - 12	7 - 7.5	3.5 - 4	6 - 6.5
			Associated AOC	AOC 13				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	20.5	-	18.8	
Atrazine	2400	210	-	-	0.45 U	-	1.1 UJ	
Barium	59000	16000	-	-	82.7	-	73.2	
Benzaldehyde	68000	6100	-	-	0.90 U	-	2.1 UJ	
Benzene	5	2	750	0.006 U	0.006 J	34	75	
Benzenethiol	NS	NS	160	0.42 U	-	-	-	
Benzo(a)anthracene	2	0.6	490 U	0.81	0.17 J	-	7.0 J	
Benzo(a)pyrene	0.2	0.2	490 U	1.5	0.31	-	8.4 J	
Benzo(b)fluoranthene	2	0.6	490 U	1.4	0.25	-	3.0 J	
Dibenz(a,h)anthracene	0.2	0.2	490 U	0.17	0.045 U	-	1.0 J	
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	0.11 J	-	1.2 J	
Lead	800	400	145000	297	39.7	-	74300	
Naphthalene	17	6	900	0.044	0.001 J	120	200	

Notes:

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3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-4

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2886	S2886	S2886	S2886	S2886
			Field Sample ID	S2886D1R2	S2886E2	S2886E2R2	S2886R1C2	S2886R1D1
			Sample Date	12/03/2013	10/22/2012	12/03/2013	07/03/2013	07/03/2013
			Mean Surface Elevation (feet)	8.50	8.50	8.50	8.50	8.50
			Sample Depth (feet)	6 - 6.5	8.5 - 9	8.5 - 9	4.5 - 5	6 - 6.5
			Associated AOC	AOC 13				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		4.74 U	21.7	4.82 U	-	-
Atrazine	2400	210		0.70 U	0.64 U	0.70 U	-	-
Barium	59000	16000		18.4	6.62	8.76	-	-
Benzaldehyde	68000	6100		1.4 U	1.3 U	1.4 U	-	-
Benzene	5	2		45 J	35	49 J	110	90
Benzenethiol	NS	NS		-	-	-	-	-
Benzo(a)anthracene	2	0.6		0.81	0.82	0.46	-	-
Benzo(a)pyrene	0.2	0.2		0.59	0.45	0.46	-	-
Benzo(b)fluoranthene	2	0.6		0.27 J	0.24 J	0.18 J	-	-
Dibenz(a,h)anthracene	0.2	0.2		0.070 U	0.064 U	0.069 U	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		0.073 J	0.069 J	0.069 U	-	-
Lead	800	400		6420	210	9340	-	-
Naphthalene	17	6		15 J	11	19 J	180	110

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
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Chevron Perth Amboy
East Yard - Deed Notice
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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2886	S2887	S2887	S2887	S2887
			Field Sample ID	S2886R1E2	S2887C2	S2887C4R2	S2887D4	S2887D4R2
			Sample Date	07/03/2013	10/18/2012	12/03/2013	10/18/2012	12/03/2013
			Mean Surface Elevation (feet)	8.50	8.50	8.50	8.50	8.50
			Sample Depth (feet)	8.5 - 9	4.5 - 5	5.5 - 6	7.5 - 8	7.5 - 8
			Associated AOC	AOC 13				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	21.7	10.5	16.0	16.4	
Atrazine	2400	210	-	0.42 U	0.039 U	2.6 U	0.040 U	
Barium	59000	16000	-	80.9	68.8	75.4	72.5	
Benzaldehyde	68000	6100	-	0.83 U	0.079 U	5.2 U	0.081 U	
Benzene	5	2	34 J-	75	0.13 J	690 J	0.16 J	
Benzenethiol	NS	NS	-	-	-	-	-	
Benzo(a)anthracene	2	0.6	-	0.55	0.074	0.77 J	0.074	
Benzo(a)pyrene	0.2	0.2	-	1.3	0.082	0.26 U	0.079	
Benzo(b)fluoranthene	2	0.6	-	0.61	0.062	0.26 U	0.091	
Dibenz(a,h)anthracene	0.2	0.2	-	0.22	0.018 J	0.26 U	0.021	
Indeno(1,2,3-cd)Pyrene	2	0.6	-	0.44	0.037	0.26 U	0.057	
Lead	800	400	-	86700	15500	97800	2890	
Naphthalene	17	6	12 J-	110	0.19 J	1000 J	0.19 J	

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Chevron Perth Amboy
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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2887	S2887	S2888	S2889	S2889
			Field Sample ID	S2887R1C2	S2887R1D4	S2888D3	S2889C4	S2889C4R2
			Sample Date	07/02/2013	07/02/2013	10/22/2012	10/18/2012	12/04/2013
			Mean Surface Elevation (feet)	8.50	8.50	8.50	8.50	8.50
			Sample Depth (feet)	4.5 - 5	7.5 - 8	7 - 7.5	5.5 - 6	5.5 - 6
			Associated AOC	AOC 13				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	26.1	11.9	8.46	
Atrazine	2400	210	-	-	0.49 U	2.7 UJ	0.30 U	
Barium	59000	16000	-	-	118	42.0	43.2	
Benzaldehyde	68000	6100	-	-	0.98 U	5.4 UJ	0.59 U	
Benzene	5	2	110	200 J	0.97	330 J	380 J	
Benzenethiol	NS	NS	-	-	-	-	-	
Benzo(a)anthracene	2	0.6	-	-	0.082 J	3.1 J	2.2	
Benzo(a)pyrene	0.2	0.2	-	-	0.093 J	4.1 J	3.4	
Benzo(b)fluoranthene	2	0.6	-	-	0.081 J	1.5 J	1.2	
Dibenz(a,h)anthracene	0.2	0.2	-	-	0.049 U	0.27 UJ	0.54	
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	0.049 U	0.92 J	0.58	
Lead	800	400	-	-	510	752000	226000	
Naphthalene	17	6	230	230 J	0.23 J	420 J	480 J	

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Restricted Area - RA-4

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2889	S2889	S2889	S2889	S2890
			Field Sample ID	S2889D4	S2889D4R2	S2889R1C4	S2889R1D4	S2890C4
			Sample Date	10/18/2012	12/04/2013	07/02/2013	07/02/2013	10/18/2012
			Mean Surface Elevation (feet)	8.50	8.50	8.50	8.50	8.50
			Sample Depth (feet)	7.5 - 8	7.5 - 8	5.5 - 6	7.5 - 8	5.5 - 6
			Associated AOC	AOC 13				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		83.3	24.0 J	-	-	28.2
Atrazine	2400	210		4.2 U	2.8 U	-	-	0.43 U
Barium	59000	16000		63.8	30.2	-	-	89.5
Benzaldehyde	68000	6100		8.4 U	5.6 U	-	-	0.86 U
Benzene	5	2		110	46 J	170 J	30 J	280 J
Benzenethiol	NS	NS		-	-	-	-	-
Benzo(a)anthracene	2	0.6		18	11	-	-	0.55
Benzo(a)pyrene	0.2	0.2		19	17	-	-	0.43
Benzo(b)fluoranthene	2	0.6		6.5	5.9	-	-	0.29
Dibenz(a,h)anthracene	0.2	0.2		2.3	2.9	-	-	0.043 U
Indeno(1,2,3-cd)Pyrene	2	0.6		2.7	3.2	-	-	0.043 U
Lead	800	400		1680	5890	-	-	28500
Naphthalene	17	6		32	50 J	300 J	33 J	350 J

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East Yard - Deed Notice
Restricted Area - RA-4

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2890	S2890	S2890	S2890	S2890
			Field Sample ID	S2890C4R2	S2890E1	S2890E1R2	S2890R1C4	S2890R1E1
			Sample Date	12/04/2013	10/18/2012	12/04/2013	07/03/2013	07/03/2013
			Mean Surface Elevation (feet)	8.50	8.50	8.50	8.50	8.50
			Sample Depth (feet)	5.5 - 6	8 - 8.5	8 - 8.5	5.5 - 6	8 - 8.5
			Associated AOC	AOC 13	AOC 13	AOC 13	AOC 13	AOC 13
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		42.6	35.9	57.5 J	-	-
Atrazine	2400	210		3.3 U	2.5 U	0.49 U	-	-
Barium	59000	16000		92.5	60.7	98.0 J	-	-
Benzaldehyde	68000	6100		6.6 U	5.1 U	0.97 U	-	-
Benzene	5	2		28	120 J	150 J	56 J	20 J
Benzenethiol	NS	NS		-	-	-	-	-
Benzo(a)anthracene	2	0.6		1.2 J	0.49 J	0.57	-	-
Benzo(a)pyrene	0.2	0.2		1.7	0.34 J	0.30	-	-
Benzo(b)fluoranthene	2	0.6		1.0 J	0.25 U	0.28	-	-
Dibenz(a,h)anthracene	0.2	0.2		0.46 J	0.25 U	0.049 U	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		0.85 J	0.25 U	0.13 J	-	-
Lead	800	400		52300	152000	219000 J	-	-
Naphthalene	17	6		64	140 J	170 J	110 J	23 J

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Chevron Perth Amboy
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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2891	S2891	S2892	S2892	S2893
			Field Sample ID	S2891C2	S2891D3	S2892C2	S2892D4	S2893C4
			Sample Date	10/17/2012	10/17/2012	10/17/2012	10/17/2012	10/17/2012
			Mean Surface Elevation (feet)	8.50	8.50	8.50	8.50	8.50
			Sample Depth (feet)	4.5 - 5	7 - 7.5	4.5 - 5	7.5 - 8	5.5 - 6
			Associated AOC	AOC 13				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		8.96	12.7	34.7	19.9	14.3
Atrazine	2400	210		0.19 U	0.14 U	0.48 U	0.043 U	0.039 U
Barium	59000	16000		88.4	96.3	161	77.4	80.6
Benzaldehyde	68000	6100		0.38 U	0.27 U	0.96 U	0.086 U	0.079 U
Benzene	5	2		0.065 J	0.24 J	3.0	12	0.14
Benzenethiol	NS	NS		-	-	-	-	-
Benzo(a)anthracene	2	0.6		0.11	0.14	0.74	0.047	0.059
Benzo(a)pyrene	0.2	0.2		0.092 J	0.16	0.50	0.025	0.064
Benzo(b)fluoranthene	2	0.6		0.072 J	0.12	0.31	0.046	0.064
Dibenz(a,h)anthracene	0.2	0.2		0.019 U	0.020 J	0.092 J	0.010 J	0.016 J
Indeno(1,2,3-cd)Pyrene	2	0.6		0.033 J	0.057 J	0.12 J	0.017 J	0.030
Lead	800	400		2160	2620	528	1500	7550
Naphthalene	17	6		0.12 J	0.13 J	36	0.17 J	0.004 J

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2893	S2927	S4365	S4365	S4366
			Field Sample ID	S2893E1	S2927A4	S4365D1	S4365E2	S4366C4
			Sample Date	10/17/2012	10/05/2012	11/04/2014	11/04/2014	11/04/2014
			Mean Surface Elevation (feet)	8.50	8.50	8.50	8.50	8.50
			Sample Depth (feet)	8 - 8.5	1.5 - 2	6 - 6.5	8.5 - 9	5.5 - 6
			Associated AOC	AOC 13				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		43.5	59.0	-	-	-
Atrazine	2400	210		0.45 U	-	-	-	-
Barium	59000	16000		45.5	-	-	-	-
Benzaldehyde	68000	6100		0.89 U	-	-	-	-
Benzene	5	2		8.9	-	41 J	13 J	89 J
Benzenethiol	NS	NS		-	-	-	-	-
Benzo(a)anthracene	2	0.6		0.18 J	-	-	-	-
Benzo(a)pyrene	0.2	0.2		0.17 J	-	-	-	-
Benzo(b)fluoranthene	2	0.6		0.18 J	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		0.060 J	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		0.096 J	-	-	-	-
Lead	800	400		97300	1010	-	-	-
Naphthalene	17	6		3.6	-	-	-	-

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4366	S4367	S4749	S4749	S4750
			Field Sample ID	S4366D4	S4367C4	S4749B4	S4749E2	S4750A4
			Sample Date	11/04/2014	11/05/2014	05/01/2015	05/01/2015	05/01/2015
			Mean Surface Elevation (feet)	8.50	8.50	8.50	8.50	8.50
			Sample Depth (feet)	7.5 - 8	5.5 - 6	3.5 - 4	8.5 - 9	1.5 - 2
			Associated AOC	AOC 13				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-	-	-	-
Atrazine	2400	210	-	-	-	-	-	-
Barium	59000	16000	-	-	-	-	-	-
Benzaldehyde	68000	6100	-	-	-	-	-	-
Benzene	5	2	380 J	19 J	-	-	-	-
Benzenethiol	NS	NS	-	-	-	-	-	-
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	0.22	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	-	-	6110	35.0	873	-
Naphthalene	17	6	-	-	-	-	-	-

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4755	S4756	S4756	S4757	S4757
			Field Sample ID	S4755A1	S4756B1	S4756C3	S4757A3	S4757B3
			Sample Date	05/12/2015	05/12/2015	05/12/2015	05/13/2015	05/13/2015
			Mean Surface Elevation (feet)	8.50	8.50	8.50	8.50	8.50
			Sample Depth (feet)	0 - 0.5	2 - 2.5	5 - 5.5	1 - 1.5	3 - 3.5
			Associated AOC	AOC 13				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-	-	-	-
Atrazine	2400	210	-	-	-	-	-	-
Barium	59000	16000	-	-	-	-	-	-
Benzaldehyde	68000	6100	-	-	-	-	-	-
Benzene	5	2	-	-	-	-	-	-
Benzenethiol	NS	NS	-	-	-	-	-	-
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	4990	4500	1890	1440	1250	
Naphthalene	17	6	-	-	-	-	-	-

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4757	S4789	S4789	S4789	S4790
			Field Sample ID	S4757D1	S4789B2	S4789C3	S4789E4	S4790B4
			Sample Date	05/13/2015	05/20/2015	05/20/2015	05/20/2015	05/20/2015
			Mean Surface Elevation (feet)	8.50	8.50	8.50	8.50	8.50
			Sample Depth (feet)	6 - 6.5	2.5 - 3	5 - 5.5	9.5 - 10	3.5 - 4
			Associated AOC	AOC 13				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-	-	-	-
Atrazine	2400	210	-	-	-	-	-	-
Barium	59000	16000	-	-	-	-	-	-
Benzaldehyde	68000	6100	-	-	-	-	-	-
Benzene	5	2	-	-	-	-	-	-
Benzenethiol	NS	NS	-	-	-	-	-	-
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	0.16	0.025	0.28 J	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	817	6320	4800	96.4 J	851	
Naphthalene	17	6	-	-	-	-	-	-

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4790	S4790	S4790	S4831	S4832
			Field Sample ID	S4790C4	S4790D3	S4790E2	S4831B4	S4832C1
			Sample Date	05/20/2015	05/20/2015	05/20/2015	06/12/2015	06/12/2015
			Mean Surface Elevation (feet)	8.50	8.50	8.50	8.50	8.50
			Sample Depth (feet)	5.5 - 6	7 - 7.5	8.5 - 9	3.5 - 4	4 - 4.5
			Associated AOC	AOC 13				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-	-	-	-
Atrazine	2400	210	-	-	-	-	-	-
Barium	59000	16000	-	-	-	-	-	-
Benzaldehyde	68000	6100	-	-	-	-	-	-
Benzene	5	2	-	-	-	-	-	-
Benzenethiol	NS	NS	-	-	-	-	-	-
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	0.29	0.22	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	8280	88700	970	7090	2850	-
Naphthalene	17	6	-	-	-	-	-	-

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4835	S4835	S4999	S4999	S5001
			Field Sample ID	S4835B4	S4835C4	S4999B3	S4999E2	S5001D2
			Sample Date	07/16/2015	07/16/2015	09/30/2015	09/30/2015	09/30/2015
			Mean Surface Elevation (feet)	8.50	8.50	8.50	8.50	8.50
			Sample Depth (feet)	3.5 - 4	5.5 - 6	3 - 3.5	8.5 - 9	6.5 - 7
			Associated AOC	AOC 13				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	22.9	72.7	34.6	
Atrazine	2400	210	-	-	-	-	-	
Barium	59000	16000	-	-	61.2	122	80.4	
Benzaldehyde	68000	6100	-	-	-	-	-	
Benzene	5	2	-	-	-	-	-	
Benzenethiol	NS	NS	-	-	-	-	-	
Benzo(a)anthracene	2	0.6	-	-	-	-	-	
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	
Lead	800	400	1120	849	201	39.2	67.2	
Naphthalene	17	6	-	-	-	-	-	

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5087	S5089	S5092	S5419	PE898
			Field Sample ID	S5087F3	S5089D4	S5092F1	S5419G3	PE898
			Sample Date	04/01/2016	04/01/2016	04/01/2016	12/13/2016	03/18/2016
			Mean Surface Elevation (feet)	8.50	8.50	8.50	8.50	8.50
			Sample Depth (feet)	11 - 11.5	7.5 - 8	10 - 10.5	13 - 13.5	-
			Associated AOC	AOC 13				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-	-	-	-
Atrazine	2400	210	-	-	-	-	-	-
Barium	59000	16000	-	-	-	-	-	-
Benzaldehyde	68000	6100	-	-	-	-	-	-
Benzene	5	2	-	41 J	-	5.2 J	-	-
Benzenethiol	NS	NS	-	-	-	-	-	-
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	28300	-	2410	-	1430	-
Naphthalene	17	6	-	-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-4

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	PE899	PE900
			Field Sample ID	PE899	PE900
			Sample Date	03/18/2016	03/21/2016
			Mean Surface Elevation (feet)	8.50	8.50
			Sample Depth (feet)	-	-
			Associated AOC	AOC 13	AOC 13
			Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-
Atrazine	2400	210	-	-	-
Barium	59000	16000	-	-	-
Benzaldehyde	68000	6100	-	-	-
Benzene	5	2	-	-	-
Benzenethiol	NS	NS	-	-	-
Benzo(a)anthracene	2	0.6	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-
Lead	800	400	2680	3400 J	
Naphthalene	17	6	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-5

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2816	S2817	S2818	S2903	S3009
			Field Sample ID	S2816D4	S2817E3	S2818E2	S2903A4	S3009A4
			Sample Date	02/21/2013	02/21/2013	02/21/2013	10/04/2012	10/16/2012
			Mean Surface Elevation (feet)	10.00	10.00	10.00	10.00	10.00
			Sample Depth (feet)	7.5 - 8	9 - 9.5	8.5 - 9	1.5 - 2	1.5 - 2
			Associated AOC	PAOC 69	PAOC 69	PAOC 69	AOC 31	AOC 31
				Report Result				
Arsenic	19	19		44.5	61.4	56.9	23.2	20.2
Arsenic	19	19		-	-	-	-	-
Benzo(a)anthracene	2	0.6		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-5

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3063	S3065	S3131	S3280	S3295
			Field Sample ID	S3063A4	S3065A4	S3131A4	S3280G2	S3295D1
			Sample Date	10/26/2012	10/26/2012	11/16/2012	02/21/2013	05/22/2013
			Mean Surface Elevation (feet)	10.00	10.00	10.00	10.00	10.00
			Sample Depth (feet)	1.5 - 2	1.5 - 2	1.5 - 2	12.5 - 13	6 - 6.5
			Associated AOC	AOC 31	AOC 31	PAOC 69	PAOC 69	PAOC 69
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		31.2	30.1	19.8	57.6	31.9
Arsenic	19	19		-	-	-	-	-
Benzo(a)anthracene	2	0.6		-	-	-	4.4	-
Benzo(a)pyrene	0.2	0.2		-	-	-	1.5	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	0.85	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-5

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5002	S5005	S5795	S5796
			Field Sample ID	S5002F1	S5005B1	S5795A2	S5796A2
			Sample Date	09/29/2015	10/01/2015	08/20/2018	08/20/2018
			Mean Surface Elevation (feet)	10.00	10.00	10.00	10.00
			Sample Depth (feet)	8 - 8.5	2 - 2.5	0.5 - 1	0.5 - 1
			Associated AOC	PAOC 69	PAOC 69	AOC 31	PAOC 69
			Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		48.1	29.6	19.8	54.6
Arsenic	19	19		3.9	32.5 J	-	-
Benzo(a)anthracene	2	0.6		-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-6

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	SB-0046	SB-0281	S2410	S3950	S4258
			Field Sample ID	SB-0046S-C	SB-0281S-C	S2410G2	S3950D1	S4258E2
			Sample Date	10/26/1995	05/14/1997	01/19/2007	09/09/2013	03/26/2014
			Mean Surface Elevation (feet)	14.00	14.00	14.00	14.00	14.00
			Sample Depth (feet)	4 - 6	4 - 6	12.5 - 13	6 - 6.5	8.5 - 9
			Associated AOC	SWMU 10				
				Report Result				
Arsenic	19	19		-	8.87	-	-	21.1
Benzene	5	2		2.3	0.004	-	46	-
Benzo(a)pyrene	0.2	0.2		-	38 U	-	-	-
Lead	800	400		41600	152	3270	-	-
Naphthalene	17	6		-	170	-	97	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-6

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4740	S4860	S4860	S4861	S4861
			Field Sample ID	S4740C1	S4860B1	S4860C3	S4861A3	S4861D1
			Sample Date	04/27/2015	07/23/2015	07/23/2015	07/23/2015	07/23/2015
			Mean Surface Elevation (feet)	14.00	14.00	14.00	14.00	14.00
			Sample Depth (feet)	4 - 4.5	2 - 2.5	5 - 5.5	1 - 1.5	6 - 6.5
			Associated AOC	SWMU 10				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
			-	-	-	-	-	-
Arsenic	19	19	-	-	-	-	-	-
Benzene	5	2	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	0.26	-	-	-	-	-
Lead	800	400	-	4060	1520	3540	28500	
Naphthalene	17	6	-	-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-6

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4861	S4861	S4861	S4863	S4863
			Field Sample ID	S4861E1	S4861F3	S4861G2	S4863B3	S4863D2
			Sample Date	07/23/2015	07/23/2015	07/23/2015	08/03/2015	08/03/2015
			Mean Surface Elevation (feet)	14.00	14.00	14.00	14.00	14.00
			Sample Depth (feet)	8 - 8.5	11 - 11.5	12.5 - 13	3 - 3.5	6.5 - 7
			Associated AOC	SWMU 10				
				Report Result				
Arsenic	19	19		-	-	-	34.3	10 J
Benzene	5	2		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Lead	800	400		116000	10000	1110 J	11600	31000
Naphthalene	17	6		-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-6

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4986
			Field Sample ID	S4986A4
			Sample Date	08/24/2015
			Mean Surface Elevation (feet)	14.00
			Sample Depth (feet)	1.5 - 2
			Associated AOC	SWMU 10
			Report Result	
Arsenic	19	19		-
Benzene	5	2		-
Benzo(a)pyrene	0.2	0.2		-
Lead	800	400		3360
Naphthalene	17	6		-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-7

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2804
			Field Sample ID	S2804A3
			Sample Date	02/25/2013
			Mean Surface Elevation (feet)	12.85
			Sample Depth (feet)	1 - 1.5
			Associated AOC	PAOC 66
			Report Result	
				62.3
Arsenic	19	19		1190
Lead	800	400		

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-8

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2368R1	S2368R1	S2813	S3108	S3108R1
			Field Sample ID	S2368R1F4	S2368R1G4	S2813D3	S3108H1	S3108R1H1
			Sample Date	10/31/2016	10/31/2016	03/04/2013	01/09/2013	08/25/2014
			Mean Surface Elevation (feet)	13.47	13.47	13.47	13.47	13.47
			Sample Depth (feet)	11.5 - 12	13.5 - 14	7 - 7.5	14 - 14.5	14 - 14.5
			Associated AOC	PAOC - 68				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	6.17	-	-	-
Benzene	5	2	66 J	63 J	6.3 J	38 J+	25 J	
Naphthalene	17	6	-	-	43	21 J+		-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-8

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3108R2	S3108R3	S3110	S3111	S3111
			Field Sample ID	S3108R2H1	S3108R3H1	S3110E2	S3111E1	S3111E4
			Sample Date	09/17/2014	11/06/2014	12/06/2012	12/17/2012	12/17/2012
			Mean Surface Elevation (feet)	13.47	13.47	13.47	13.47	13.47
			Sample Depth (feet)	14 - 14.5	14 - 14.5	8.5 - 9	8 - 8.5	9.5 - 10
			Associated AOC	PAOC - 68				
				Report Result				
Arsenic	19	19		-	-	2.73	1.79 J	-
Benzene	5	2		36 J	13 J	52	86	94
Naphthalene	17	6		-	-	34	82	51

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-8

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3113	S3114	S3115	S3116	S3117
			Field Sample ID	S3113D4	S3114E4	S3115E4	S3116E3	S3117D3
			Sample Date	12/19/2012	12/17/2012	12/18/2012	12/18/2012	12/20/2012
			Mean Surface Elevation (feet)	13.47	13.47	13.47	13.47	13.47
			Sample Depth (feet)	7.5 - 8	9.5 - 10	9.5 - 10	9 - 9.5	7 - 7.5
			Associated AOC	PAOC - 68				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		1.77 J	-	-	1.72 J	1.10 J
Benzene	5	2		0.59 J	76	68 J	110	6.4
Naphthalene	17	6		22 J	81	54 J	34	6.6

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-8

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3741	S3741	S3742	S3743	S3744
			Field Sample ID	S3741D3	S3741G2	S3742A2	S3743D1	S3744D3
			Sample Date	06/06/2013	06/06/2013	06/03/2013	06/03/2013	06/03/2013
			Mean Surface Elevation (feet)	13.47	13.47	13.47	13.47	13.47
			Sample Depth (feet)	7 - 7.5	12.5 - 13	0.5 - 1	6 - 6.5	7 - 7.5
			Associated AOC	PAOC - 68				
				Report Result				
Arsenic	19	19		2.66	1.78 J	34.5	2.82	4.07
Benzene	5	2		46	0.0006 U	0.0005 U	75	7.6
Naphthalene	17	6		44	0.004 U	0.10	24	5.1

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-8

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5382	S5384
			Field Sample ID	S5382G4	S5384G4
			Sample Date	08/02/2017	08/03/2017
			Mean Surface Elevation (feet)	13.47	13.47
			Sample Depth (feet)	13.5 - 14	13.5 - 14
			Associated AOC	PAOC - 68	PAOC - 68
			Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-
Benzene	5	2	9.6 J	7.4 J	
Naphthalene	17	6	-	-	

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-9

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4000	S4000	S4004	S4004	S4007
			Field Sample ID	S4000D1	S4000H2	D11041312	S4004C3	S4007D4
			Sample Date	11/20/2013	11/20/2013	11/04/2013	11/04/2013	11/21/2013
			Mean Surface Elevation (feet)	13.60	13.60	13.60	13.60	13.60
			Sample Depth (feet)	6 - 6.5	14.5 - 15	5 - 5.5	5 - 5.5	7.5 - 8
			Associated AOC	PAOC - 65				
				Report Result				
Arsenic	19	19		26.4	19.4	29.7	34.4	161
Benzo(a)pyrene	0.2	0.2		0.38 J	0.004 U	0.062	0.086	0.72
Dibenz(a,h)anthracene	0.2	0.2		0.23 U	0.004 U	0.020	0.023	0.081 U
Lead	800	400		30.2	17.0	83.2	89.5	392

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-9

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4012	S4014	S4021	S4745	S4785
			Field Sample ID	S4012D1	S4014E1	S4021E3	S4745B2	S4785A4
			Sample Date	11/19/2013	11/20/2013	11/18/2013	04/30/2015	05/15/2015
			Mean Surface Elevation (feet)	13.60	13.60	13.60	13.60	13.60
			Sample Depth (feet)	6 - 6.5	8 - 8.5	9 - 9.5	2.5 - 3	1.5 - 2
			Associated AOC	PAOC - 65				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
			30.3	102	97.9	-	-	-
Arsenic	19	19	0.10	0.64 J	0.22	-	-	-
Benzo(a)pyrene	0.2	0.2	0.022	0.22 J	0.041 U	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	103	157	1370	832	1650	
Lead	800	400						

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-9

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4798	S4833
			Field Sample ID	S4798B1	S4833A4
			Sample Date	06/03/2015	06/22/2015
			Mean Surface Elevation (feet)	13.60	13.60
			Sample Depth (feet)	2 - 2.5	1.5 - 2
			Associated AOC	PAOC - 65	PAOC - 65
			Report Result	Report Result	Report Result
			-	-	-
Arsenic	19	19			
Benzo(a)pyrene	0.2	0.2			
Dibenz(a,h)anthracene	0.2	0.2			
Lead	800	400		1520 J	2220

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-10

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2759	S2759	S2759	S2762	S2763
			Field Sample ID	S2759A1	S2759E4	S2759G1	S2762A1	S2763A1
			Sample Date	05/21/2013	05/21/2013	05/21/2013	05/21/2013	05/17/2013
			Mean Surface Elevation (feet)	15.77	15.77	15.77	15.77	15.77
			Sample Depth (feet)	0 - 0.5	9.5 - 10	12 - 12.5	0 - 0.5	0 - 0.5
			Associated AOC	PAOC - 55				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		24.4	32.5	25.5	30.2	26.7
Benzo(a)pyrene	0.2	0.2		0.031	0.21	-	0.030	0.069
Benzo(b)fluoranthene	2	0.6		0.049	0.26	-	0.048	0.087
Dibenz(a,h)anthracene	0.2	0.2		0.004 U	0.040 U	-	0.004 U	0.004 U
Indeno(1,2,3-cd)Pyrene	2	0.6		0.021	0.040 U	-	0.022	0.057
Lead	800	400		371	202	63.7	672	849
Naphthalene	17	6		0.085	0.26	-	0.063	0.053

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-10

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2763	S2763	S2936	S3014	S3015
			Field Sample ID	S2763B2	S2763C4	S2936A4	S3014A4	S3015A4
			Sample Date	05/17/2013	05/17/2013	10/08/2012	10/18/2012	10/22/2012
			Mean Surface Elevation (feet)	15.77	15.77	15.77	15.77	15.77
			Sample Depth (feet)	2.5 - 3	5.5 - 6	1.5 - 2	1.5 - 2	1.5 - 2
			Associated AOC	PAOC - 55				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		63.4	62.5	344	40.0	81.7
Benzo(a)pyrene	0.2	0.2		0.42	-	-	-	-
Benzo(b)fluoranthene	2	0.6		0.55	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		0.041 U	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		0.32	-	-	-	-
Lead	800	400		931	611	7490	368	4660
Naphthalene	17	6		0.73	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
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3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-10

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3044	S3077	S3078	S3079	S3080
			Field Sample ID	S3044A4	S3077A4	S3078A4	S3079A4	S3080A4
			Sample Date	10/18/2012	11/16/2012	11/15/2012	11/21/2012	11/15/2012
			Mean Surface Elevation (feet)	15.77	15.77	15.77	15.77	15.77
			Sample Depth (feet)	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2
			Associated AOC	PAOC - 55	PAOC - 20	PAOC - 55	PAOC - 55	PAOC - 55
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		20.5	51.1	25.9	35.4	59.5
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Benzo(b)fluoranthene	2	0.6		-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	-	-
Lead	800	400		233	144	672	137	1510
Naphthalene	17	6		-	-	-	-	-

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3091	S3092	S3136	S3138	S3297
			Field Sample ID	S3091A4	S3092A4	S3136A4	S3138A4	S3297A3
			Sample Date	11/15/2012	11/15/2012	11/21/2012	11/21/2012	04/25/2013
			Mean Surface Elevation (feet)	15.77	15.77	15.77	15.77	15.77
			Sample Depth (feet)	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1 - 1.5
			Associated AOC	PAOC - 55				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		30.5	22.5	68.5	58.7	262
Benzo(a)pyrene	0.2	0.2		-	-	-	-	47
Benzo(b)fluoranthene	2	0.6		-	-	-	-	54
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	3.3
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	-	23
Lead	800	400		914	74.8	2610	632	8410
Naphthalene	17	6		-	-	-	-	23

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3297	S3297	S3740	S3750	S3809
			Field Sample ID	S3297B1	S3297B2	S3740D2	S3750B3	S3809A4
			Sample Date	04/25/2013	04/25/2013	05/16/2013	06/28/2013	07/12/2013
			Mean Surface Elevation (feet)	15.77	15.77	15.77	15.77	15.77
			Sample Depth (feet)	2 - 2.5	2.5 - 3	6.5 - 7	3 - 3.5	1.5 - 2
			Associated AOC	PAOC - 55				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		76.9	29.9	23.4	32.0	112
Benzo(a)pyrene	0.2	0.2		20	-	0.25	29	-
Benzo(b)fluoranthene	2	0.6		20	-	0.29	30	-
Dibenz(a,h)anthracene	0.2	0.2		1.2	-	0.042 U	3.5	-
Indeno(1,2,3-cd)Pyrene	2	0.6		10	-	0.16 J	16	-
Lead	800	400		3150	496	223	690	880
Naphthalene	17	6		9.2	-	4.8	41	-

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4059	S4062	S4065	S4069	S4070
			Field Sample ID	S4059D3	S4062H1	S4065G1	S4069C4	S4070B2
			Sample Date	12/06/2013	11/25/2013	12/16/2013	11/21/2013	11/21/2013
			Mean Surface Elevation (feet)	15.77	15.77	15.77	15.77	15.77
			Sample Depth (feet)	7 - 7.5	14 - 14.5	12 - 12.5	5.5 - 6	2.5 - 3
			Associated AOC	PAOC - 55	PAOC - 55	PAOC - 55	PAOC - 55	PAOC - 55
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		20.3	24.1	29.1	69.7 UJ	33.2 UJ
Benzo(a)pyrene	0.2	0.2		0.16	0.004 U	0.16	0.47	0.041 U
Benzo(b)fluoranthene	2	0.6		0.14	0.004 U	0.17	0.44	0.068 J
Dibenz(a,h)anthracene	0.2	0.2		0.043 J	0.004 U	0.033	0.077 U	0.041 U
Indeno(1,2,3-cd)Pyrene	2	0.6		0.063 J	0.004 U	0.14	0.21 J	0.059 J
Lead	800	400		52.0	18.8	146	165	46.1
Naphthalene	17	6		6.5	0.004 U	0.23	4.3	6.3

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4070	S4072	S4073	S4075
			Field Sample ID	S4070H2	S4072G4	S4073D3	S4075H1
			Sample Date	11/21/2013	12/04/2013	12/04/2013	11/25/2013
			Mean Surface Elevation (feet)	15.77	15.77	15.77	15.77
			Sample Depth (feet)	14.5 - 15	13.5 - 14	7 - 7.5	14 - 14.5
			Associated AOC	PAOC - 55	PAOC - 55	PAOC - 55	PAOC - 55
			Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		32.0 UJ	25.2	57.8	19.2
Benzo(a)pyrene	0.2	0.2		0.004 U	0.004 U	0.20	0.004 U
Benzo(b)fluoranthene	2	0.6		0.004 U	0.004 U	0.27	0.004 U
Dibenz(a,h)anthracene	0.2	0.2		0.004 U	0.004 U	0.059 J	0.004 U
Indeno(1,2,3-cd)Pyrene	2	0.6		0.004 U	0.004 U	0.13	0.004 U
Lead	800	400		19.8	12.7	1410	17.4
Naphthalene	17	6		0.004 U	0.004 U	0.58	0.004 U

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2764	S2766	S2767	S2768	S2770
			Field Sample ID	S2764A1	S2766A1	S2767A1	S2768A1	S2770B2
			Sample Date	05/15/2013	05/15/2013	05/17/2013	05/13/2013	05/17/2013
			Mean Surface Elevation (feet)	17.12	17.12	17.12	17.12	17.12
			Sample Depth (feet)	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	2.5 - 3
			Associated AOC	PAOC - 56	PAOC - 56	PAOC - 56	PAOC - 57	PAOC - 57
				Report Result				
Arsenic	19	19		27.1	91.4	6.51	74.6	106
Benzene	5	2		0.0006 U	0.076 J	0.0005 U	0.025 U	0.0006 U
Benzo(a)pyrene	0.2	0.2		0.037 U	0.038 U	0.33	0.065 J	0.10
Dibenz(a,h)anthracene	0.2	0.2		0.037 U	0.038 U	0.059	0.038 U	0.029
Lead	800	400		430	2190	19.5	87.4	250

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2771	S2772	S3816	S3929	S3995
			Field Sample ID	S2771A1	S2772A2	S3816A1	S3929A1	S3995A1
			Sample Date	05/14/2013	05/14/2013	07/12/2013	10/07/2013	10/07/2013
			Mean Surface Elevation (feet)	17.12	17.12	17.12	17.12	17.12
			Sample Depth (feet)	0 - 0.5	0.5 - 1	0 - 0.5	0 - 0.5	0 - 0.5
			Associated AOC	PAOC - 57	PAOC - 57	PAOC - 57	PAOC - 56	PAOC - 56
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		58.9	22.3	174	21.6	76.7
Benzene	5	2		0.0006 U	0.0006 U	-	-	-
Benzo(a)pyrene	0.2	0.2		0.037 J	0.022 J	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		0.019 U	0.020 U	-	-	-
Lead	800	400		496	207	1930	357	867

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4037	S4038	S4045	S4049	S4056
			Field Sample ID	S4037A3	S4038B2	S4045E2	S4049D2	S4056A2
			Sample Date	04/09/2014	04/04/2014	04/10/2014	04/24/2014	04/24/2014
			Mean Surface Elevation (feet)	17.12	17.12	17.12	17.12	17.12
			Sample Depth (feet)	1 - 1.5	2.5 - 3	8.5 - 9	6.5 - 7	0.5 - 1
			Associated AOC	PAOC - 57	PAOC - 57	PAOC - 57	PAOC - 57	PAOC - 56
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		43.3	23.6	22.9	12.5	53.7
Benzene	5	2		0.0005 UJ	0.0005 UJ	0.070 J	13 J	0.13 J
Benzo(a)pyrene	0.2	0.2		0.059	0.024	0.005 J	0.016 J	0.40 U
Dibenz(a,h)anthracene	0.2	0.2		0.020	0.009 J	0.004 U	0.004 U	1.2 J
Lead	800	400		81.7	66.1	17.7	39.9	515

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5778
			Field Sample ID	S5778C4
			Sample Date	08/01/2018
			Mean Surface Elevation (feet)	17.12
			Sample Depth (feet)	5.5 - 6
			Associated AOC	PAOC - 56
			Report Result	
Arsenic	19	19		-
Benzene	5	2		6.7
Benzo(a)pyrene	0.2	0.2		-
Dibenz(a,h)anthracene	0.2	0.2		-
Lead	800	400		-

Notes:

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Chevron Perth Amboy
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Restricted Area - RA-12

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2730	S2731	S2736	S2736	S2737
			Field Sample ID	S2730A1	S2731A2	S2736A2	S2736G2	S2737A1
			Sample Date	02/14/2013	02/14/2013	02/20/2013	02/20/2013	02/13/2013
			Mean Surface Elevation (feet)	19.92	19.92	19.92	19.92	19.92
			Sample Depth (feet)	0 - 0.5	0.5 - 1	0.5 - 1	12.5 - 13	0 - 0.5
			Associated AOC	PAOC - 47	PAOC - 47	PAOC - 48	PAOC - 48	PAOC - 48
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31		13.7	2.33	1.76 J	0.621 U	4.49
Arsenic	19	19		26.5	23.5	2.14	26.9	29.6
Benzo(a)anthracene	2	0.6		11	0.22	0.29	0.004 U	0.28 J
Benzo(a)pyrene	0.2	0.2		9.8	0.20	0.31	0.004 U	0.30 J
Benzo(b)fluoranthene	2	0.6		9.6	0.24	0.43	0.004 U	0.31 J
Dibenz(a,h)anthracene	0.2	0.2		1.3	0.030	0.035 U	0.004 U	0.18 U
Indeno(1,2,3-cd)Pyrene	2	0.6		4.3	0.10	0.19	0.004 U	0.28 J
Lead	800	400		1040	272	40.1	20.8	245

Notes:

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Chevron Perth Amboy
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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2738	S2738	S2738	S2740	S2743
			Field Sample ID	S2738A1	S2738B3	S2738C2	S2740A1	S2743C1
			Sample Date	02/19/2013	02/19/2013	02/19/2013	02/19/2013	02/20/2013
			Mean Surface Elevation (feet)	19.92	19.92	19.92	19.92	19.92
			Sample Depth (feet)	0 - 0.5	3 - 3.5	4.5 - 5	0 - 0.5	4 - 4.5
			Associated AOC	PAOC - 49	PAOC - 49	PAOC - 49	PAOC - 49	PAOC - 50
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
			0.562 U	6.32	0.669 U	3.10	5.13	
Antimony	450	31	29.6	81.6	26.2	52.2	16.3	
Arsenic	19	19	3.3	1.0	0.32 J	4.8	0.39	
Benzo(a)anthracene	2	0.6	2.4	0.83	0.22 U	3.7	0.35	
Benzo(a)pyrene	0.2	0.2	3.0	1.1	0.69 J	4.7	0.44	
Benzo(b)fluoranthene	2	0.6	0.36 J	0.22 J	0.22 U	0.51	0.11 J	
Dibenz(a,h)anthracene	0.2	0.2	0.99	0.46 J	0.46 J	1.8	0.18 J	
Indeno(1,2,3-cd)Pyrene	2	0.6	189	467	133	381	77.3	
Lead	800	400						

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2744	S2745	S3286	S3286	S3286
			Field Sample ID	S2744C2	S2745A3	S3286A1	S3286A4	S3286D2
			Sample Date	02/20/2013	02/20/2013	06/04/2013	06/04/2013	06/04/2013
			Mean Surface Elevation (feet)	19.92	19.92	19.92	19.92	19.92
			Sample Depth (feet)	4.5 - 5	1 - 1.5	0 - 0.5	1.5 - 2	6.5 - 7
			Associated AOC	PAOC - 50	PAOC - 50	PAOC - 47	PAOC - 47	PAOC - 47
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31		4.93	2.13 J	6.80	16.7	0.621 U
Arsenic	19	19		9.16	10.5	16.1	22.7	10.0
Benzo(a)anthracene	2	0.6		1.4	0.39	1.3	3.1	0.33
Benzo(a)pyrene	0.2	0.2		1.1	0.32	1.2	3.0	0.44
Benzo(b)fluoranthene	2	0.6		1.2	0.34	1.4	3.3	0.49
Dibenz(a,h)anthracene	0.2	0.2		0.19 J	0.059 J	0.23	0.54	0.084
Indeno(1,2,3-cd)Pyrene	2	0.6		0.56	0.16 J	0.67	1.5	0.28
Lead	800	400		98.0	35.0	101	353	20.1

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3289	S3290	S3291	S3292	S3768
			Field Sample ID	S3289A4	S3290A1	S3291B1	S3292A1	S3768A4
			Sample Date	06/05/2013	06/06/2013	06/06/2013	06/10/2013	07/02/2013
			Mean Surface Elevation (feet)	19.92	19.92	19.92	19.92	19.92
			Sample Depth (feet)	1.5 - 2	0 - 0.5	2 - 2.5	0 - 0.5	1.5 - 2
			Associated AOC	PAOC - 48	PAOC - 49	PAOC - 49	PAOC - 49	PAOC - 48
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31		28.0	0.558 U	9.41	33.8	1360
Arsenic	19	19		83.0	1.01 J	40.7	95.6	47.9
Benzo(a)anthracene	2	0.6		-	3.2	-	-	-
Benzo(a)pyrene	0.2	0.2		-	3.0	-	-	-
Benzo(b)fluoranthene	2	0.6		-	3.7	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	0.54	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		-	1.7	-	-	-
Lead	800	400		480	56.9	237	627	8710

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3922
			Field Sample ID	S3922A3
			Sample Date	09/30/2013
			Mean Surface Elevation (feet)	19.92
			Sample Depth (feet)	1 - 1.5
			Associated AOC	PAOC - 48
			Report Result	
Antimony	450	31		72.8
Arsenic	19	19		149
Benzo(a)anthracene	2	0.6		-
Benzo(a)pyrene	0.2	0.2		-
Benzo(b)fluoranthene	2	0.6		-
Dibenz(a,h)anthracene	0.2	0.2		-
Indeno(1,2,3-cd)Pyrene	2	0.6		-
Lead	800	400		12100

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2755	S2755	S2756	S2756	S2757
			Field Sample ID	S2755A2	S2755C2	S2756A3	S2756A4	S2757A3
			Sample Date	03/18/2013	03/18/2013	03/19/2013	03/19/2013	03/19/2013
			Mean Surface Elevation (feet)	14.00	14.00	14.00	14.00	14.00
			Sample Depth (feet)	0.5 - 1	4.5 - 5	1 - 1.5	1.5 - 2	1 - 1.5
			Associated AOC	PAOC - 52				
				Report Result				
Antimony	450	31		1.41 J	2.79 J	4.17	8.36	12.9 J
Arsenic	19	19		28.0	82.8	24.3	60.0	25.0
Benzo(a)anthracene	2	0.6		0.42	0.76	0.066 J	-	0.13
Benzo(a)pyrene	0.2	0.2		0.12 J	0.71	0.12 J	-	0.19
Benzo(b)fluoranthene	2	0.6		0.52	0.84	0.10 J	-	0.21
Dibenz(a,h)anthracene	0.2	0.2		0.13 J	0.13	0.050 J	-	0.022 U
Indeno(1,2,3-cd)Pyrene	2	0.6		0.14 J	0.37	0.061 J	-	0.10 J
Lead	800	400		111	1690	110	1410	125
Manganese	5900	11000		49.1	42.5	245	116	8750
Naphthalene	17	6		23	2.3	0.051 J	-	0.19

Notes:

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3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-13

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2757	S2757	S2758	S2956	S3099
			Field Sample ID	S2757C2	S2757D2	S2758C4	S2956A4	S3099A4
			Sample Date	03/19/2013	03/19/2013	03/19/2013	10/10/2012	11/19/2012
			Mean Surface Elevation (feet)	14.00	14.00	14.00	14.00	14.00
			Sample Depth (feet)	4.5 - 5	6.5 - 7	5.5 - 6	1.5 - 2	1.5 - 2
			Associated AOC	PAOC - 52	PAOC - 52	PAOC - 52	AOC - 28	AOC - 28
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31		10.4	1.11 J	688	-	-
Arsenic	19	19		53.6	5.26	225	56.5	45.7
Benzo(a)anthracene	2	0.6		4.3	-	2.6	0.19 U	-
Benzo(a)pyrene	0.2	0.2		4.5	-	2.9	0.56 J	-
Benzo(b)fluoranthene	2	0.6		4.7	-	2.9	0.19 U	-
Dibenz(a,h)anthracene	0.2	0.2		0.47	-	0.26	0.19 U	-
Indeno(1,2,3-cd)Pyrene	2	0.6		2.2	-	1.3	0.19 U	-
Lead	800	400		339	1360	6070	485	252
Manganese	5900	11000		183	114	221	-	-
Naphthalene	17	6		0.60	-	0.82	2.1	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-13

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3100	S3301	S3302	S3302	S3304
			Field Sample ID	S3100A4	S3301A1	S3302A2	S3302A3	S3304C4
			Sample Date	11/19/2012	05/24/2013	05/29/2013	05/29/2013	05/29/2013
			Mean Surface Elevation (feet)	14.00	14.00	14.00	14.00	14.00
			Sample Depth (feet)	1.5 - 2	0 - 0.5	0.5 - 1	1 - 1.5	5.5 - 6
			Associated AOC	AOC - 28	PAOC - 52	PAOC - 52	PAOC - 52	PAOC - 52
				Report Result				
Antimony	450	31		-	17.4	5.64	44.0	1.54 J
Arsenic	19	19		83.9	25.7	26.2	168	91.8
Benzo(a)anthracene	2	0.6		-	0.22	0.17	0.29	1.3
Benzo(a)pyrene	0.2	0.2		-	0.27	0.15	0.29	1.1
Benzo(b)fluoranthene	2	0.6		-	0.27	0.23	0.37	1.3
Dibenz(a,h)anthracene	0.2	0.2		-	0.036 U	0.037 J	0.047 J	0.16 J
Indeno(1,2,3-cd)Pyrene	2	0.6		-	0.20	0.098	0.17	0.68
Lead	800	400		582	363	215	1190	3020
Manganese	5900	11000		-	184	250	378	90.0
Naphthalene	17	6		-	0.064 J	0.085 J	0.18	1.2

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
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3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-13

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4273	S4274	S4275	S4278	S5315
			Field Sample ID	S4273A4	S4274H2	S4275D1	S4278B1	S5315A3
			Sample Date	05/07/2014	05/06/2014	05/06/2014	05/07/2014	09/28/2016
			Mean Surface Elevation (feet)	14.00	14.00	14.00	14.00	14.00
			Sample Depth (feet)	1.5 - 2	14.5 - 15	6 - 6.5	2 - 2.5	1 - 1.5
			Associated AOC	AOC - 28				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31		65.1	0.885 U	37.3	5.03	-
Arsenic	19	19		97.1	20.0	44.4	38.2	73.2
Benzo(a)anthracene	2	0.6		1.9	0.004 U	0.36	1.4	-
Benzo(a)pyrene	0.2	0.2		1.9	0.004 U	0.34	1.5	-
Benzo(b)fluoranthene	2	0.6		2.5	0.004 U	0.42	2.1	-
Dibenz(a,h)anthracene	0.2	0.2		0.28 J	0.004 U	0.071	0.46	-
Indeno(1,2,3-cd)Pyrene	2	0.6		1.3	0.004 U	0.20	0.98	-
Lead	800	400		1070	2.22	1360	220	3110
Manganese	5900	11000		254	71.4	188	246	-
Naphthalene	17	6		3.5	0.004 U	0.13	3.9	-

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-13

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5315	S5316	S5318	S5318	S5356
			Field Sample ID	S5315B3	S5316B3	D0929169	S5318A4	S5356A3
			Sample Date	09/28/2016	09/28/2016	09/29/2016	09/29/2016	10/25/2016
			Mean Surface Elevation (feet)	14.00	14.00	14.00	14.00	14.00
			Sample Depth (feet)	3 - 3.5	3 - 3.5	1.5 - 2	1.5 - 2	1 - 1.5
			Associated AOC	AOC - 28				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	-	-	-	90.9	153	
Benzo(a)anthracene	2	0.6	-	-	-	-	-	
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	
Lead	800	400	821	2260	9530 J	248 J	214	
Manganese	5900	11000	-	-	-	-	-	
Naphthalene	17	6	-	-	-	-	-	

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-13

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5550	S5551	S5561	S5562	PE0130
			Field Sample ID	S5550A4	S5551A4	S5561A4	S5562A4	PE0130
			Sample Date	09/14/2017	09/15/2017	09/20/2017	09/20/2017	08/09/1999
			Mean Surface Elevation (feet)	14.00	14.00	14.00	14.00	14.00
			Sample Depth (feet)	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	-
			Associated AOC	AOC - 28				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	203	91	55.9 J	59.6		-
Benzo(a)anthracene	2	0.6	-	-	-	-	-	0.51
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	0.38
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	0.59
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	0.12 U
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	-	-	-	-	-	-
Manganese	5900	11000	-	-	-	-	-	-
Naphthalene	17	6	-	-	-	-	-	0.31

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-13

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	PE0133	PE1482	PE1483
			Field Sample ID	PE0133	PE1482A4	PE1483A4
			Sample Date	08/09/1999	08/30/2017	08/30/2017
			Mean Surface Elevation (feet)	14.00	14.00	14.00
			Sample Depth (feet)	-	-	-
			Associated AOC	AOC - 28	AOC - 28	AOC - 28
			Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-
Arsenic	19	19	-	312	28.3	
Benzo(a)anthracene	2	0.6	0.83	-	-	
Benzo(a)pyrene	0.2	0.2	0.75	-	-	
Benzo(b)fluoranthene	2	0.6	1.2	-	-	
Dibenz(a,h)anthracene	0.2	0.2	0.075	-	-	
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	
Lead	800	400	-	-	-	
Manganese	5900	11000	-	-	-	
Naphthalene	17	6	0.18	-	-	

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-14

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2747	S2747	S2750	S2751	S2752
			Field Sample ID	S2747A2	S2747D2	S2750B2	S2751A2	S2752A1
			Sample Date	05/10/2013	05/10/2013	05/31/2013	05/09/2013	05/09/2013
			Mean Surface Elevation (feet)	15.00	15.00	15.00	15.00	15.00
			Sample Depth (feet)	0.5 - 1	6.5 - 7	2.5 - 3	0.5 - 1	0 - 0.5
			Associated AOC	PAOC - 51	PAOC - 51	PAOC - 51	PAOC - 51	PAOC - 51
			Report Result	Report Result	Report Result	Report Result	Report Result	
Arsenic	19	19	83.2	3.79 U	28.3	37.1	31.1	
Benzo(a)anthracene	2	0.6	41	3.4	0.047	0.041	0.032	
Benzo(a)pyrene	0.2	0.2	29	2.9	0.075	0.044	0.028	
Benzo(b)fluoranthene	2	0.6	33	3.4	0.092	0.067	0.047	
Dibenz(a,h)anthracene	0.2	0.2	5.4	0.58	0.031	0.018	0.004 U	
Indeno(1,2,3-cd)Pyrene	2	0.6	17	1.6	0.057	0.037	0.024	

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-14

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2753	S2753	S3031	S3032	S3095
			Field Sample ID	S2753A2	S2753B1	S3031A4	S3032A4	S3095A4
			Sample Date	05/09/2013	05/09/2013	10/24/2012	10/24/2012	11/16/2012
			Mean Surface Elevation (feet)	15.00	15.00	15.00	15.00	15.00
			Sample Depth (feet)	0.5 - 1	2 - 2.5	1.5 - 2	1.5 - 2	1.5 - 2
			Associated AOC	PAOC - 51				
				Report Result				
Arsenic	19	19		22.0	32.0	29.5	78.7	26.5
Benzo(a)anthracene	2	0.6		0.12	-	-	-	-
Benzo(a)pyrene	0.2	0.2		0.14	-	-	-	-
Benzo(b)fluoranthene	2	0.6		0.18	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		0.062	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		0.13	-	-	-	-

Notes:

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3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-14

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3126	S3140	S3210	S3234	S3296
			Field Sample ID	S3126A4	S3140A4	S3210A4	S3234A4	S3296A2
			Sample Date	11/19/2012	11/21/2012	02/20/2013	02/27/2013	05/30/2013
			Mean Surface Elevation (feet)	15.00	15.00	15.00	15.00	15.00
			Sample Depth (feet)	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	0.5 - 1
			Associated AOC	PAOC - 51	PAOC - 51	PAOC - 85	PAOC - 85	PAOC - 51
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		23.0	48.7	25.3	33.4	23.4
Benzo(a)anthracene	2	0.6		-	-	-	-	1.8
Benzo(a)pyrene	0.2	0.2		-	-	-	-	1.9
Benzo(b)fluoranthene	2	0.6		-	-	-	-	2.3
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	0.29
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	-	1.0

Notes:

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3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-14

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3296
			Field Sample ID	S3296B1
			Sample Date	05/30/2013
			Mean Surface Elevation (feet)	15.00
			Sample Depth (feet)	2 - 2.5
			Associated AOC	PAOC - 51
			Report Result	
Arsenic	19	19		6.42
Benzo(a)anthracene	2	0.6		0.38
Benzo(a)pyrene	0.2	0.2		0.38
Benzo(b)fluoranthene	2	0.6		0.45
Dibenz(a,h)anthracene	0.2	0.2		0.075
Indeno(1,2,3-cd)Pyrene	2	0.6		0.19

Notes:

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3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-15

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	PE1503	PE1539	S2859	S2859	S2950
			Field Sample ID	PE1503A4	PE1539A4	S2859A2	S2859A3	S2950A4
			Sample Date	10/17/2017	01/15/2018	03/05/2013	03/05/2013	10/03/2012
			Mean Surface Elevation (feet)	16.74	16.74	16.74	16.74	16.74
			Sample Depth (feet)	-	-	0.5 - 2	1 - 1.5	1.5 - 2
			Associated AOC	AOC - 39				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		-	-	113	154	26.8
Arsenic	19	19		-	-	-	-	-
Benzene	5	2		47	5.1	0.0006 U	-	-
Benzo(a)pyrene	0.2	0.2		-	-	1.8	-	-
Benzo(b)fluoranthene	2	0.6		-	-	2.7	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	0.34 J	-	-
Lead	800	400		-	-	551	739	148
Naphthalene	17	6		-	-	1.1	-	-

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-15

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2952	S2954	S3017	S3018	S3022
			Field Sample ID	S2952A4	S2954A4	S3017A4	S3018A4	S3022A4
			Sample Date	10/03/2012	10/09/2012	10/15/2012	10/23/2012	10/15/2012
			Mean Surface Elevation (feet)	16.74	16.74	16.74	16.74	16.74
			Sample Depth (feet)	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2
			Associated AOC	AOC - 39				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		36.9	220	41.1	24.6	80.5
Arsenic	19	19	-	-	-	-	-	-
Benzene	5	2	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Lead	800	400	294	862	306	58.0	848	
Naphthalene	17	6	-	-	-	-	-	-

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-15

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3023	S3033	S3066	S3067	S3094
			Field Sample ID	S3023A4	S3033A4	S3066A4	S3067A4	S3094A4
			Sample Date	10/15/2012	10/22/2012	10/25/2012	10/25/2012	11/16/2012
			Mean Surface Elevation (feet)	16.74	16.74	16.74	16.74	16.74
			Sample Depth (feet)	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2
			Associated AOC	AOC - 39				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		32.5	28.1	52.3	41.2	24.8
Arsenic	19	19	-	-	-	-	-	-
Benzene	5	2	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Lead	800	400	381	161	665	355	281	
Naphthalene	17	6	-	-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-15

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3124	S3139	S3819	S3819	S4029
			Field Sample ID	S3124A4	S3139A4	S3819A1	S3819A3	S4029B1
			Sample Date	11/19/2012	11/21/2012	07/12/2013	07/12/2013	05/05/2014
			Mean Surface Elevation (feet)	16.74	16.74	16.74	16.74	16.74
			Sample Depth (feet)	1.5 - 2	1.5 - 2	0 - 0.5	1 - 1.5	2 - 2.5
			Associated AOC	AOC - 39				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		77.9	57.7	164	208	65.3
Arsenic	19	19	-	-	-	-	-	-
Benzene	5	2	-	-	-	-	-	0.036 UJ
Benzo(a)pyrene	0.2	0.2	-	-	0.39	0.045 UJ	0.83 J	
Benzo(b)fluoranthene	2	0.6	-	-	0.57	0.64 J	0.21 U	
Dibenz(a,h)anthracene	0.2	0.2	-	-	0.041 U	0.045 UJ	0.21 U	
Lead	800	400		3080	1310	1750	2630	283
Naphthalene	17	6	-	-	0.78	22 J	0.21 U	

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-15

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4030	S4033	S4305	S4308	S4308
			Field Sample ID	S4030B2	S4033B1	S4305A2	D1014158	S4308A4
			Sample Date	05/28/2014	05/02/2014	09/10/2015	10/14/2015	10/14/2015
			Mean Surface Elevation (feet)	16.74	16.74	16.74	16.74	16.74
			Sample Depth (feet)	2.5 - 3	2 - 2.5	0.5 - 1	1.5 - 2	1.5 - 2
			Associated AOC	AOC - 39				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		23.0 J	839	-	-	-
Arsenic	19	19		-	-	-	-	-
Benzene	5	2		0.0007 UJ	0.0006 U	12 J	21	23 J
Benzo(a)pyrene	0.2	0.2		0.85	0.82 J	-	-	-
Benzo(b)fluoranthene	2	0.6		0.91	0.73 J	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		0.041 U	0.18 U	-	-	-
Lead	800	400		261 J	57700	-	-	-
Naphthalene	17	6		2.3	0.77 J	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-15

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDGSRS (mg/Kg)	Location ID	S5028	S5826	S5829	S5830
			Field Sample ID	S5028B2	S5826A2	S5829A4	S5830A3
			Sample Date	11/06/2015	10/17/2018	10/18/2018	10/18/2018
			Mean Surface Elevation (feet)	16.74	16.74	16.74	16.74
			Sample Depth (feet)	2.5 - 3	0.5 - 1	1.5 - 2	1 - 1.5
			Associated AOC	AOC - 39	AOC - 39	AOC - 39	AOC - 39
			Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	49.7	40 J-	126	
Arsenic	19	19	-	-	-	-	-
Benzene	5	2	8.5 J	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-
Lead	800	400	-	-	-	-	-
Naphthalene	17	6	-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDGSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-16

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2773	S2773	S2794	S2794	S3752
			Field Sample ID	S2773A2	S2773B2	S2794A1	S2794B1	S3752A2
			Sample Date	05/14/2013	05/14/2013	05/13/2013	05/13/2013	06/17/2013
			Mean Surface Elevation (feet)	14.80	14.80	14.80	14.80	14.80
			Sample Depth (feet)	0.5 - 1	2.5 - 3	0 - 0.5	2 - 2.5	0.5 - 1
			Associated AOC	PAOC - 58				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		54.1	4.36	27.7	2.83	20.6
Benzene	5	2		2.3 J	3.5 J	0.051 J	0.27 J	0.025 U
Lead	800	400		814	51.7	724	130	386
Naphthalene	17	6		28	25	15	28	0.079

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-16

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3753	S3818	S4313	S4314	S4853
			Field Sample ID	S3753A3	S3818A2	S4313A4	S4314B2	S4853B2
			Sample Date	06/17/2013	07/12/2013	06/09/2015	06/09/2015	08/17/2015
			Mean Surface Elevation (feet)	14.80	14.80	14.80	14.80	14.80
			Sample Depth (feet)	1 - 1.5	0.5 - 1	1.5 - 2	2.5 - 3	2.5 - 3
			Associated AOC	PAOC - 58				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		31.2 J	107	-	-	-
Benzene	5	2		0.16 J	-	500 J	250 J	58 J
Lead	800	400		446	478	-	-	-
Naphthalene	17	6		0.46 J	0.009 J	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-17

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S0496	S2700	S2701	S2701	S2702
			Field Sample ID	S0496B1	S2700A2	S2701A2	S2701B2	S2702A2
			Sample Date	09/10/1999	05/06/2013	05/06/2013	05/06/2013	05/06/2013
			Mean Surface Elevation (feet)	15.10	15.10	15.10	15.10	15.10
			Sample Depth (feet)	2 - 2.5	0.5 - 1	0.5 - 1	2.5 - 3	0.5 - 1
			Associated AOC	PAOC - 63	PAOC - 59	PAOC - 59	PAOC - 59	PAOC - 59
				Report Result				
Arsenic	19	19		29.4	16.7	32.2 J	40.5	213
Benzo(a)anthracene	2	0.6		34	0.31	0.69	-	-
Benzo(a)pyrene	0.2	0.2		38	0.35	1.0	-	-
Benzo(b)fluoranthene	2	0.6		40	0.35	1.1	-	-
Dibenz(a,h)anthracene	0.2	0.2		11 U	0.10	0.21	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		-	0.29	0.43	-	-
Lead	800	400		179	267	459	295	2810
Naphthalene	17	6		7.2	0.13	0.41	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-17

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2702	S2702	S2703	S2703	S2703
			Field Sample ID	S2702A3	S2702B3	S2703A2	S2703B4	S2703D1
			Sample Date	05/06/2013	05/06/2013	05/20/2013	05/20/2013	05/20/2013
			Mean Surface Elevation (feet)	15.10	15.10	15.10	15.10	15.10
			Sample Depth (feet)	1 - 1.5	3 - 3.5	0.5 - 1	3.5 - 4	6 - 6.5
			Associated AOC	PAOC - 59	PAOC - 59	PAOC - 63	PAOC - 63	PAOC - 63
				Report Result				
Arsenic	19	19		29.9	3.38	23.0	32.5	3.94
Benzo(a)anthracene	2	0.6		7.0 J	2.6	0.22	2.3	10
Benzo(a)pyrene	0.2	0.2		4.5 J	1.6	0.24	1.7	5.6
Benzo(b)fluoranthene	2	0.6		4.9 J	1.6	0.27	1.6	4.9
Dibenz(a,h)anthracene	0.2	0.2		0.83 J	0.30	0.036 U	0.19 U	0.95
Indeno(1,2,3-cd)Pyrene	2	0.6		2.1 J	0.65	0.19	0.93 J	2.1
Lead	800	400		436	36.9	258	268	13.6
Naphthalene	17	6		8.2 J	1.4	0.096 J	130	440

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-17

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2775	S2776	S2789	S2790	S2791
			Field Sample ID	S2775A2	S2776A2	S2789A2	S2790A2	S2791B1
			Sample Date	03/11/2013	03/11/2013	03/13/2013	03/14/2013	03/13/2013
			Mean Surface Elevation (feet)	15.10	15.10	15.10	15.10	15.10
			Sample Depth (feet)	0.5 - 1	0.5 - 1	0.5 - 1	0.5 - 1	2 - 2.5
			Associated AOC	PAOC - 59	PAOC - 59	PAOC - 63	PAOC - 63	PAOC - 63
				Report Result				
Arsenic	19	19		127	19.0 J	30.4	18.1	38.4
Benzo(a)anthracene	2	0.6		0.23	0.35	0.68	3.9	9.9
Benzo(a)pyrene	0.2	0.2		0.22	0.32	0.70	2.9	7.1
Benzo(b)fluoranthene	2	0.6		0.34	0.38	0.92	1.5 J	9.6
Dibenz(a,h)anthracene	0.2	0.2		0.078 J	0.081 J	0.14 J	0.36 U	1.5 J
Indeno(1,2,3-cd)Pyrene	2	0.6		0.17	0.19	0.47	0.95 J	3.5
Lead	800	400		548	122	559	225	105
Naphthalene	17	6		0.29	0.43	0.53	0.64 J	3.3

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-17

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2791	S2792	S2792	S2946	S2953
			Field Sample ID	S2791C2	S2792A2	S2792E1	S2946A4	S2953A4
			Sample Date	03/13/2013	03/13/2013	03/13/2013	10/03/2012	10/04/2012
			Mean Surface Elevation (feet)	15.10	15.10	15.10	15.10	15.10
			Sample Depth (feet)	4.5 - 5	0.5 - 1	8 - 8.5	1.5 - 2	1.5 - 2
			Associated AOC	PAOC - 63	PAOC - 63	PAOC - 63	PAOC - 59	PAOC - 59
				Report Result				
Arsenic	19	19		25.6	7.32	3.86	26.9	27.7
Benzo(a)anthracene	2	0.6		3.6	0.38	9.6	-	-
Benzo(a)pyrene	0.2	0.2		3.1	0.43	4.7	-	-
Benzo(b)fluoranthene	2	0.6		3.3	0.44	4.4	-	-
Dibenz(a,h)anthracene	0.2	0.2		0.45	0.092 J	0.46	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		1.1	0.24	1.5	-	-
Lead	800	400		52.9	71.4	9.36	159	189
Naphthalene	17	6		2.1	0.11	920	-	-

Notes:

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3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-17

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3024	S3025	S3026	S3027	S3027
			Field Sample ID	S3024A4	S3025A4	S3026A4	D1023125	S3027A4
			Sample Date	10/15/2012	10/15/2012	10/15/2012	10/23/2012	10/23/2012
			Mean Surface Elevation (feet)	15.10	15.10	15.10	15.10	15.10
			Sample Depth (feet)	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2
			Associated AOC	PAOC - 59	PAOC - 59	PAOC - 63	PAOC - 59	PAOC - 59
				Report Result				
Arsenic	19	19		21.6	31.0	50.0	34.8	30.5
Benzo(a)anthracene	2	0.6		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Benzo(b)fluoranthene	2	0.6		-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	-	-
Lead	800	400		89.3	190	244	134	73.7
Naphthalene	17	6		-	-	-	-	-

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
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3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-17

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3028	S3035	S3039	S3068	S3070
			Field Sample ID	S3028A4	S3035A4	S3039A4	S3068A4	S3070A4
			Sample Date	10/18/2012	10/22/2012	10/18/2012	10/25/2012	10/25/2012
			Mean Surface Elevation (feet)	15.10	15.10	15.10	15.10	15.10
			Sample Depth (feet)	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2
			Associated AOC	PAOC - 59	PAOC - 63	PAOC - 63	PAOC - 59	PAOC - 59
				Report Result				
Arsenic	19	19		42.8	41.5	21.8	24.4	31.8
Benzo(a)anthracene	2	0.6		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Benzo(b)fluoranthene	2	0.6		-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	-	-
Lead	800	400		177	281	270	62.8	160
Naphthalene	17	6		-	-	-	-	-

Notes:

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3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-17

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3128	S3305	S3455	S3558	S3560
			Field Sample ID	S3128A4	S3305A4	S3455A4	S3558A4	S3560A4
			Sample Date	11/19/2012	05/22/2013	04/04/2013	04/08/2013	04/08/2013
			Mean Surface Elevation (feet)	15.10	15.10	15.10	15.10	15.10
			Sample Depth (feet)	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2
			Associated AOC	PAOC - 59	PAOC - 59	PAOC - 63	PAOC - 63	PAOC - 63
				Report Result				
Arsenic	19	19		22.6	29.8	30.9	25.7	31.3
Benzo(a)anthracene	2	0.6		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Benzo(b)fluoranthene	2	0.6		-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	-	-
Lead	800	400		179	549	-	-	-
Naphthalene	17	6		-	-	-	-	-

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-17

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3748	S3755	S3755	S4391	S4391
			Field Sample ID	S3748A2	S3755A1	S3755C1	S4391A2	S4391D1
			Sample Date	05/20/2013	06/18/2013	06/18/2013	07/30/2015	07/30/2015
			Mean Surface Elevation (feet)	15.10	15.10	15.10	15.10	15.10
			Sample Depth (feet)	0.5 - 1	0 - 0.5	4 - 4.5	0.5 - 1	6 - 6.5
			Associated AOC	PAOC - 63	PAOC - 59	PAOC - 59	PAOC - 63	PAOC - 63
				Report Result				
Arsenic	19	19		53.4	21.6	4.98	27.6	4.43
Benzo(a)anthracene	2	0.6		0.52 J	2.0	0.80	1.0	0.66
Benzo(a)pyrene	0.2	0.2		0.22 U	1.9	0.60	1.1	0.47
Benzo(b)fluoranthene	2	0.6		0.70 J	2.1	0.61	1.4	0.27
Dibenz(a,h)anthracene	0.2	0.2		0.22 U	0.29	0.035 U	0.17 U	0.082 J
Indeno(1,2,3-cd)Pyrene	2	0.6		0.22 U	1.2	0.24	0.90	0.18 J
Lead	800	400		335	129	14.5	208	16.5
Naphthalene	17	6		0.99 J	1.4	0.035 U	1.2	2.1

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-17

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4392	S5691	S5693	S5695	S5695
			Field Sample ID	S4392A3	S5691A3	D0403189	S5695B1	S5695B2
			Sample Date	07/30/2015	04/02/2018	04/03/2018	04/03/2018	04/03/2018
			Mean Surface Elevation (feet)	15.10	15.10	15.10	15.10	15.10
			Sample Depth (feet)	1 - 1.5	1 - 1.5	1 - 1.5	2 - 2.5	2.5 - 3
			Associated AOC	PAOC - 63	PAOC - 59	PAOC - 59	PAOC - 63	PAOC - 63
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	26.5	-	-	-	-	-
Benzo(a)anthracene	2	0.6	0.90	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	0.84 J	1.1	0.36 J	45 J+	0.69	
Benzo(b)fluoranthene	2	0.6	0.79 J	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	0.17 U	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	0.17 U	-	-	-	-	-
Lead	800	400	297	-	-	-	-	-
Naphthalene	17	6	0.28 J	-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-17

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5696	S5697	S5760	S5760	S5827
			Field Sample ID	S5696B1	S5697B1	S5760B1	S5760B2	S5827A2
			Sample Date	04/03/2018	04/30/2018	06/27/2018	06/27/2018	10/17/2018
			Mean Surface Elevation (feet)	15.10	15.10	15.10	15.10	15.10
			Sample Depth (feet)	2 - 2.5	2 - 2.5	2 - 2.5	2.5 - 3	0.5 - 1
			Associated AOC	PAOC - 63	PAOC - 63	PAOC - 63	PAOC - 63	PAOC - 59
				Report Result				
Arsenic	19	19		-	-	-	-	24.4
Benzo(a)anthracene	2	0.6		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		7.3 J+	46 J+	2 J+	2.8	-
Benzo(b)fluoranthene	2	0.6		-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	-	-
Lead	800	400		-	-	-	-	-
Naphthalene	17	6		-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-17

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5828	S5938
			Field Sample ID	S5828A4	S5938A4
			Sample Date	10/17/2018	07/17/2019
			Mean Surface Elevation (feet)	15.10	15.10
			Sample Depth (feet)	1.5 - 2	1.5 - 2
			Associated AOC	PAOC - 59	PAOC - 63
				Report Result	Report Result
Arsenic	19	19		49.4	69.2
Benzo(a)anthracene	2	0.6		-	-
Benzo(a)pyrene	0.2	0.2		-	-
Benzo(b)fluoranthene	2	0.6		-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-
Lead	800	400		-	-
Naphthalene	17	6		-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-18

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2787	S4387
			Field Sample ID	S2787A3	S4387B1
			Sample Date	06/21/2013	10/28/2015
			Mean Surface Elevation (feet)	13.37	13.37
			Sample Depth (feet)	1 - 1.5	2 - 2.5
			Associated AOC	PAOC - 62	PAOC - 62
			Report Result	Report Result	
Arsenic	19	19		29.8	22.3
Benzo(a)anthracene	2	0.6		-	7
Benzo(a)pyrene	0.2	0.2		-	4.7
Benzo(b)fluoranthene	2	0.6		-	5.9
Dibenz(a,h)anthracene	0.2	0.2		-	0.93

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-19

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	PE1507	PE1515	PE1516	PE1520	PE1521
			Field Sample ID	PE1507B3	PE1515B3	PE1516C1	PE1520B3	PE1521C1
			Sample Date	11/03/2017	11/08/2017	11/08/2017	11/09/2017	11/09/2017
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	9 - 9.5	9 - 9.5	9 - 9.5	9 - 9.5	9 - 9.5
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		0.36 UJ	0.089 UJ	0.075 UJ	0.077 UJ	0.077 UJ
Arsenic	19	19		-	-	-	-	-
Atrazine	2400	210		-	-	-	-	-
Barium	59000	16000		-	-	-	-	-
Benzaldehyde	68000	6100		-	-	-	-	-
Benzene	5	2		17 J	6.6 J	7.6 J	11 J	5.4 J
Benzo(a)anthracene	2	0.6		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Benzo(b)fluoranthene	2	0.6		-	-	-	-	-
Chloroform	2	0.6		0.36 UJ	0.089 UJ	0.075 UJ	0.077 UJ	0.077 UJ
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	-	-
Lead	800	400		-	-	-	-	-
N-Nitrosodi-n-propylamine	0.3	0.2		-	-	-	-	-
Naphthalene	17	6		-	-	-	-	-

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	PE1522	PE1523	PE1529	PE1531	PE1534
			Field Sample ID	PE1522B3	PE1523C1	PE1529B3	PE1531B3	PE1534E3
			Sample Date	11/09/2017	11/09/2017	12/07/2017	12/07/2017	12/07/2017
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	9 - 9.5	9 - 9.5	9 - 9.5	9 - 9.5	9 - 9.5
			Associated AOC	AOC - 14				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
1,2-Dibromoethane	0.04	0.008		0.12 U	0.13 U	0.13 UJ	0.1 U	0.089 U
Acetophenone	5	2		-	-	-	-	-
Arsenic	19	19		-	-	-	-	-
Atrazine	2400	210		-	-	-	-	-
Barium	59000	16000		-	-	-	-	-
Benzaldehyde	68000	6100		-	-	-	-	-
Benzene	5	2		6.8	6.4	9.9 J	16	7.2
Benzo(a)anthracene	2	0.6		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Benzo(b)fluoranthene	2	0.6		-	-	-	-	-
Chloroform	2	0.6		0.12 U	0.13 U	0.13 UJ	0.1 U	0.089 U
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	-	-
Lead	800	400		-	-	-	-	-
N-Nitrosodi-n-propylamine	0.3	0.2		-	-	-	-	-
Naphthalene	17	6		-	-	-	-	-

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	B-18	SB-0001	SB-0001	SB-0002	SB-0002
			Field Sample ID	B18-4.5-5	SB0001S-A	SB0001S-C	SB0002S-B	SB0002S-D
			Sample Date	08/22/1991	08/25/1994	08/25/1994	08/25/1994	08/25/1994
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	4.5 - 5	0 - 2	4 - 6	2 - 4	6 - 8
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		-	0.0062 U	31 U	29 U	32 U
Arsenic	19	19		-	-	-	-	-
Atrazine	2400	210		-	22.3	12.4 U	11.6 U	32.1
Barium	59000	16000		-	-	-	-	-
Benzaldehyde	68000	6100		-	56.0	1.2	35.8	135
Benzene	5	2		-	-	-	-	-
Benzo(a)anthracene	2	0.6		110	0.0062 U	31 U	44	64
Benzo(a)pyrene	0.2	0.2		25 U	0.097	41 U	38 U	1.8
Benzo(b)fluoranthene	2	0.6		25 U	0.09	41 U	38 U	1
Chloroform	2	0.6		25 U	0.2	41 U	38 U	4.3 U
Dibenz(a,h)anthracene	0.2	0.2		36 U	0.0062 U	31 U	6.2	32 U
Indeno(1,2,3-cd)Pyrene	2	0.6		25 U	0.41 U	41 U	38 U	4.3 U
Lead	800	400		25 U	-	-	-	-
N-Nitrosodi-n-propylamine	0.3	0.2		-	177	6.2 U	75.4	186
Naphthalene	17	6		25 U	-	-	-	-

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	SB-0003	SB-0003	SB-0004	SB-0009	SB-0010
			Field Sample ID	SB0003S-B	SB0003S-C	SB0004S-C	SB0009S-C	SB0010S-B
			Sample Date	08/25/1994	08/25/1994	08/25/1994	08/25/1994	08/25/1994
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	2 - 4	4 - 6	4 - 6	4 - 4	2 - 2
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		29 U	33 U	34 U	3.3 U	30 U
Arsenic	19	19		-	-	-	-	-
Atrazine	2400	210		11.6 U	13.0 U	13.7 U	83.2	42.5
Barium	59000	16000		-	-	-	-	-
Benzaldehyde	68000	6100		1.2 U	1.3 U	2.1	240	106
Benzene	5	2		-	-	-	-	-
Benzo(a)anthracene	2	0.6		32	36	32	3.3 U	32
Benzo(a)pyrene	0.2	0.2		38 U	43 U	5.5	1.1	39 U
Benzo(b)fluoranthene	2	0.6		38 U	43 U	1.6	0.91	39 U
Chloroform	2	0.6		38 U	43 U	3.3	1.8	39 U
Dibenz(a,h)anthracene	0.2	0.2		29 U	33 U	34 U	3.3 U	30 U
Indeno(1,2,3-cd)Pyrene	2	0.6		38 U	43 U	0.82	0.73	39 U
Lead	800	400		-	-	-	-	-
N-Nitrosodi-n-propylamine	0.3	0.2		5.8 U	6.5 U	6.9 U	901	187
Naphthalene	17	6		-	-	-	-	-
				17	91	4.5 U	9.9	43

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S0378	S0497	S0498	S0501	S0502
			Field Sample ID	S0378F1	S0497B2	S0498B2	S0501B4	S0502B4
			Sample Date	08/10/1998	09/10/1999	09/10/1999	10/14/1999	10/14/1999
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	10 - 10.5	2.5 - 3	2.5 - 3	3.5 - 4	3.5 - 4
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		8.9 U	0.75 U	0.71 U	0.72 U	0.64 U
Arsenic	19	19		-	-	-	-	-
Atrazine	2400	210		-	45.8	48.4	24.4	47.0
Barium	59000	16000		-	86.2	56.8	82.8	64.4
Benzaldehyde	68000	6100		-	-	-	-	-
Benzene	5	2		8.9 U	19	29	0.55	10
Benzo(a)anthracene	2	0.6		0.344	6.3	11 U	0.41	1.4
Benzo(a)pyrene	0.2	0.2		0.287	7.8	11 U	3.7 U	1.3
Benzo(b)fluoranthene	2	0.6		0.212	8.4	11 U	0.43	1.9
Chloroform	2	0.6		8.9 U	0.75 U	0.71 U	0.72 U	0.64 U
Dibenz(a,h)anthracene	0.2	0.2		0.23 U	1.5	11 U	3.7 U	1.8 U
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	-	-
Lead	800	400		94.1	102	303	205	704
N-Nitrosodi-n-propylamine	0.3	0.2		-	-	-	-	-
Naphthalene	17	6		1.69	1.5	11 U	3.7 U	1.8

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S0505	S2960	S3040	S3041	S3041
			Field Sample ID	So0505B2	S2960A4	S3040A4	D1018125	S3041A4
			Sample Date	10/22/1999	10/02/2012	10/18/2012	10/18/2012	10/18/2012
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	2.5 - 3	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		0.69	-	-	-	-
Arsenic	19	19		-	-	-	-	-
Atrazine	2400	210		1.12	83.0	36.6	27.0	38.7
Barium	59000	16000		-	-	-	-	-
Benzaldehyde	68000	6100		1.12	-	-	-	-
Benzene	5	2		-	-	-	-	-
Benzo(a)anthracene	2	0.6		8.1	-	-	-	-
Benzo(a)pyrene	0.2	0.2		0.69	-	-	-	-
Benzo(b)fluoranthene	2	0.6		0.54	-	-	-	-
Chloroform	2	0.6		1.5	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		0.69	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		1.5	-	-	-	-
Lead	800	400		-	-	-	-	-
N-Nitrosodi-n-propylamine	0.3	0.2		0.337	185	134	214	181
Naphthalene	17	6		-	-	-	-	-
				1.1	-	-	-	-

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3042	S3085	S3087	S4298	S4298
			Field Sample ID	S3042A4	S3085A4	S3087A4	S4298D2	S4298G2
			Sample Date	10/18/2012	10/26/2012	10/26/2012	11/20/2014	11/20/2014
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	1.5 - 2	1.5 - 2	1.5 - 2	6.5 - 7	12.5 - 13
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		-	-	-	0.097 UJ	0.15 U
Arsenic	19	19		-	-	-	0.47 U	0.23 U
Atrazine	2400	210		22.1	83.2	30.3	87.2	15.4
Barium	59000	16000		-	-	-	0.95 U	0.46 U
Benzaldehyde	68000	6100		-	-	-	509	188
Benzene	5	2		-	-	-	1.9 U	0.92 U
Benzo(a)anthracene	2	0.6		-	-	-	15 J	25
Benzo(a)pyrene	0.2	0.2		-	-	-	2.7	2.2
Benzo(b)fluoranthene	2	0.6		-	-	-	3.1	1.5
Chloroform	2	0.6		-	-	-	3.5	1.8
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	0.097 UJ	0.15 U
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	0.72	0.34
Lead	800	400		133	559	288	217	69.5
N-Nitrosodi-n-propylamine	0.3	0.2		-	-	-	0.47 U	0.23 U
Naphthalene	17	6		-	-	-	7.6	0.046 U

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4298	S4299	S4299	S4300	S4300
			Field Sample ID	S4298K4	S4299B4	S4299K4	S4300B4	S4300D3
			Sample Date	11/20/2014	11/20/2014	11/20/2014	11/19/2014	11/19/2014
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	21.5 - 22	3.5 - 4	21.5 - 22	3.5 - 4	7 - 7.5
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		0.17 UJ	0.001 UJ	0.066 U	0.001 UJ	0.002 UJ
Arsenic	19	19		0.22 U	0.22 U	0.51 U	0.099 U	0.10 U
Atrazine	2400	210		13.2	20.0	19.8	13.3	84.9
Barium	59000	16000		0.45 U	0.44 U	1.0 U	0.20 U	0.20 U
Benzaldehyde	68000	6100		69.0	46.6	67.1	335	268
Benzene	5	2		0.89 U	0.88 U	2.0 U	0.40 U	0.41 U
Benzo(a)anthracene	2	0.6		2.5 J	0.0006 UJ	4.9	0.0005 UJ	0.0008 UJ
Benzo(a)pyrene	0.2	0.2		1.3	5.2	1.5	0.17	2.8
Benzo(b)fluoranthene	2	0.6		0.84	3.6	1.6	0.16	1.8
Chloroform	2	0.6		0.78	3.6	1.9	0.28	2.4
Dibenz(a,h)anthracene	0.2	0.2		0.17 UJ	0.001 UJ	0.066 U	0.001 UJ	0.002 UJ
Indeno(1,2,3-cd)Pyrene	2	0.6		0.21 J	0.58	0.47 J	0.045 J	0.38
Lead	800	400		0.26	1.2	1.1	0.11	0.92
N-Nitrosodi-n-propylamine	0.3	0.2		77.6	21.1	61.3	35.6	169
Naphthalene	17	6		0.22 U	0.22 U	0.51 U	0.099 U	0.10 U
				0.045 U	1.9	0.77	0.18	0.59

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4301	S4302	S4303	S4320	S4623
			Field Sample ID	D11171413	S4302F2	S4303E1	S4320F2	S4623F1
			Sample Date	11/17/2014	11/18/2014	11/18/2014	11/19/2014	09/24/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	10.5 - 11	10.5 - 11	8 - 8.5	10.5 - 11	10 - 10.5
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		0.083 UJ	0.70 UJ	0.87 UJ	0.78 UJ	0.66 U
Arsenic	19	19		0.22 U	0.20 U	0.53 U	0.53 U	1.1 U
Atrazine	2400	210		7.84 J	11.8	43.7	19.5	37.2
Barium	59000	16000		0.44 U	0.40 U	1.1 U	1.1 U	2.2 U
Benzaldehyde	68000	6100		73.9	50.0	332	49.8	83.9
Benzene	5	2		0.88 UJ	0.80 U	2.1 U	2.1 U	4.3 U
Benzo(a)anthracene	2	0.6		0.69 J	0.80 J	3.5 J	1.3 J	7.8
Benzo(a)pyrene	0.2	0.2		0.90 J	5.4	7.5	3.7	12
Benzo(b)fluoranthene	2	0.6		0.53 J	4.0	3.8	3.3	10
Chloroform	2	0.6		0.64 J	4.7	4.2	3.2	12
Dibenz(a,h)anthracene	0.2	0.2		0.083 UJ	0.70 UJ	0.87 UJ	0.78 UJ	0.66 U
Indeno(1,2,3-cd)Pyrene	2	0.6		0.12 J	0.64	0.74	0.60	1.7
Lead	800	400		0.22 J	1.6	1.2	1.4	4.5
N-Nitrosodi-n-propylamine	0.3	0.2		18.6 J	46.0	64.7	45.8	182
Naphthalene	17	6		0.22 U	0.20 U	0.53 U	0.53 U	1.1 U
				1.8	0.040 U	15	0.11 U	190

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4624	S4624	S4625	S4625	S4626
			Field Sample ID	S4624B2	S4624G2	S4625B1	S4625D3	S4626C1
			Sample Date	10/12/2015	10/12/2015	07/31/2015	07/31/2015	09/25/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	2.5 - 3	12.5 - 13	2 - 2.5	7 - 7.5	4 - 4.5
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		0.001 U	0.002 UJ	0.001 U	0.18 UJ	0.002 U
Arsenic	19	19		0.092 U	0.15 U	0.090 U	1.1 U	0.028 U
Atrazine	2400	210		16.6	175	4.56	68.3	52.3
Barium	59000	16000		0.18 U	0.3 U	0.18 U	2.2 U	0.055 U
Benzaldehyde	68000	6100		71.5	371	43.2	109	109
Benzene	5	2		0.37 U	0.59 U	0.36 U	4.5 U	0.13 J
Benzo(a)anthracene	2	0.6		0.022	0.001 UJ	0.0005 U	0.85 J	0.0009 U
Benzo(a)pyrene	0.2	0.2		2.1	0.98	0.94	0.86 J	0.069
Benzo(b)fluoranthene	2	0.6		2	0.81	0.89	1.1 J	0.074
Chloroform	2	0.6		2.4	1	1.1	0.62 J	0.12
Dibenz(a,h)anthracene	0.2	0.2		0.001 U	0.002 UJ	0.001 U	0.18 UJ	0.002 U
Indeno(1,2,3-cd)Pyrene	2	0.6		0.35	0.17	0.16	0.22 U	0.014 J
Lead	800	400		1.1	0.41	0.49	0.52 J	0.044
N-Nitrosodi-n-propylamine	0.3	0.2		197	426	32.2	278	58.5
Naphthalene	17	6		0.092 U	0.15 U	0.090 U	1.1 U	0.028 U
				0.17	3.5	0.11	5.3	0.084

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4626	S4627	S4627	S4628	S4630
			Field Sample ID	S4626I4	S4627B2	S4627H1	S4628A4	S4630B2
			Sample Date	09/25/2015	10/12/2015	10/12/2015	09/24/2015	10/13/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	17.5 - 18	2.5 - 3	14 - 14.5	1.5 - 2	2.5 - 3
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		0.11 UJ	0.001 U	0.002 U	0.046 UJ	0.001 U
Arsenic	19	19		0.1 U	0.093 U	0.13 U	0.018 U	0.51 U
Atrazine	2400	210		38.5	51.5	173	4.3	75.1
Barium	59000	16000		0.21 U	0.19 U	0.26 U	0.036 U	1 U
Benzaldehyde	68000	6100		68.1	98.6	263	69.7	95.9
Benzene	5	2		0.41 U	0.37 U	0.52 U	0.071 U	2.1 U
Benzo(a)anthracene	2	0.6		0.17 J	0.0006 U	0.0008 U	1 J	0.0006 U
Benzo(a)pyrene	0.2	0.2		0.28	6.4	0.82	0.46	1.2
Benzo(b)fluoranthene	2	0.6		0.24	5.5	0.85	0.35	1.3
Chloroform	2	0.6		0.36	6.9	0.88	0.38	1.5
Dibenz(a,h)anthracene	0.2	0.2		0.11 UJ	0.001 U	0.002 U	0.046 UJ	0.001 U
Indeno(1,2,3-cd)Pyrene	2	0.6		0.058 J	1	0.17	0.065	0.36 J
Lead	800	400		0.13	3.3	0.45	0.14	0.89
N-Nitrosodi-n-propylamine	0.3	0.2		149	669	318	20.9	411
Naphthalene	17	6		0.1 U	0.093 U	0.13 U	0.018 U	0.51 U
				2.1	1.2	0.33	0.066	0.38 J

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4630	S4631	S4631	S4632	S4632
			Field Sample ID	S4630H1	S4631B4	S4631H1	S4632B1	S4632D2
			Sample Date	10/13/2015	10/26/2015	10/26/2015	08/03/2015	08/03/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	14 - 14.5	3.5 - 4	14 - 14.5	2 - 2.5	6.5 - 7
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		0.002 U	0.001 UJ	0.001 U	0.001 U	0.23 U
Arsenic	19	19		0.14 U	1.9 U	1 U	1.7 U	1.9 U
Atrazine	2400	210		69	45.6	77.1	3.82	73.7
Barium	59000	16000		0.29 U	3.9 U	2.1 U	3.5 U	3.8 U
Benzaldehyde	68000	6100		164	209	98.4	38.8	207
Benzene	5	2		0.57 U	7.7 U	4.1 U	7.0 U	7.5 U
Benzo(a)anthracene	2	0.6		0.0009 U	0.0005 UJ	0.001 J	0.002 J	4.8
Benzo(a)pyrene	0.2	0.2		0.7	0.52 J	0.64 J	0.46 J	1.4 J
Benzo(b)fluoranthene	2	0.6		0.56	0.49 J	0.56 J	0.45 J	1.4 J
Chloroform	2	0.6		0.66	0.8 J	0.78 J	0.69 J	1.8 J
Dibenz(a,h)anthracene	0.2	0.2		0.002 U	0.001 UJ	0.001 U	0.001 U	0.23 U
Indeno(1,2,3-cd)Pyrene	2	0.6		0.09 J	0.47 J	0.21 U	0.44 J	0.72 J
Lead	800	400		0.25	0.42 J	0.4 J	0.55 J	1.2 J
N-Nitrosodi-n-propylamine	0.3	0.2		225	299	195	33.3	591
Naphthalene	17	6		0.14 U	1.9 U	1 U	1.7 U	1.9 U
				0.38	0.39 U	1.9	0.35 U	28

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4633	S4633	S4635	S4636	S4636
			Field Sample ID	S4633A2	S4633I2	S4635C4	S4636A3	S4636B4
			Sample Date	07/31/2015	07/31/2015	08/04/2015	08/03/2015	08/03/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	0.5 - 1	16.5 - 17	5.5 - 6	1 - 1.5	3.5 - 4
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		0.001 U	0.072 UJ	0.92 UJ	0.001 U	0.077 UJ
Arsenic	19	19		0.092 U	1.0 U	0.51 U	0.18 U	1.8 U
Atrazine	2400	210		22.6	25.5	14.7	12.2	36.7
Barium	59000	16000		0.18 U	2.0 U	1.0 U	0.36 U	3.6 U
Benzaldehyde	68000	6100		58.7	159	51.8	64.9	211
Benzene	5	2		0.37 U	4.1 U	2.0 U	0.72 U	7.2 U
Benzo(a)anthracene	2	0.6		0.0008 J	1.5 J	4.1 J	0.014	2.0 J
Benzo(a)pyrene	0.2	0.2		3.7	0.80 J	1.7	0.24	4.8
Benzo(b)fluoranthene	2	0.6		3.1	1.0 J	1.1	0.27	3.3
Chloroform	2	0.6		3.5	0.20 U	0.99	0.41	3.9
Dibenz(a,h)anthracene	0.2	0.2		0.001 U	0.072 UJ	0.92 UJ	0.001 U	0.077 UJ
Indeno(1,2,3-cd)Pyrene	2	0.6		0.61	0.20 U	0.10 U	0.11 J	1.3 J
Lead	800	400		1.6	0.20 U	0.41 J	0.20	1.3 J
N-Nitrosodi-n-propylamine	0.3	0.2		164	280	47.0	110	282
Naphthalene	17	6		0.092 U	1.0 U	0.51 U	0.18 U	1.8 U
				0.44	0.43 J	18	0.089 J	24

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4636	S4637	S4637	S4637	S4638
			Field Sample ID	S4636D2	S4637A4	S4637B4	S4637D2	S4638A2
			Sample Date	08/03/2015	08/04/2015	08/04/2015	08/04/2015	09/25/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	6.5 - 7	1.5 - 2	3.5 - 4	6.5 - 7	0.5 - 1
			Associated AOC	AOC - 14				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
1,2-Dibromoethane	0.04	0.008		0.27 UJ	0.001 UJ	0.080 UJ	0.002 UJ	0.058 U
Acetophenone	5	2		-	0.11 U	0.94 U	0.87 U	0.093 U
Arsenic	19	19		-	42.8	18.6 J	17.7	12.6
Atrazine	2400	210		-	0.21 U	1.9 U	1.7 U	0.19 U
Barium	59000	16000		-	104	53.6 J	88.7	80.9
Benzaldehyde	68000	6100		-	0.43 U	3.8 U	3.5 U	0.37 U
Benzene	5	2		5.1 J	0.0006 UJ	11 J	0.0009 UJ	1.2
Benzo(a)anthracene	2	0.6		-	1.6	1.1 J	2.6	8.4
Benzo(a)pyrene	0.2	0.2		-	1.0	2.0 J	4.7	7.1
Benzo(b)fluoranthene	2	0.6		-	0.021 U	0.19 U	0.17 U	10
Chloroform	2	0.6		0.27 UJ	0.001 UJ	0.080 UJ	0.002 UJ	0.058 U
Dibenz(a,h)anthracene	0.2	0.2		-	0.11 J	0.19 U	0.17 U	1.4
Indeno(1,2,3-cd)Pyrene	2	0.6		-	0.82	0.19 U	1.2	4.4
Lead	800	400		-	179	191 J	207	94.7
N-Nitrosodi-n-propylamine	0.3	0.2		-	0.11 U	0.94 U	0.87 U	0.093 U
Naphthalene	17	6		-	0.059 J	2.2 J	0.26 J	0.21

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4638	S4638	S4639	S4639	S4639
			Field Sample ID	S4638C4	S4638H3	D10011513	S4639B2	S4639E3
			Sample Date	09/25/2015	09/25/2015	10/01/2015	10/01/2015	10/01/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	5.5 - 6	15 - 15.5	9 - 9.5	2.5 - 3	9 - 9.5
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		1.3 U	0.34 UJ	0.36 UJ	0.28 UJ	0.37 UJ
Arsenic	19	19		-	3 U	0.22 U	0.48 U	0.1 U
Atrazine	2400	210		-	24.8	11.5	65.1	17.6 J
Barium	59000	16000		-	6 U	0.44 U	0.95 U	0.21 U
Benzaldehyde	68000	6100		-	45.2	67	46.1	49.8 J
Benzene	5	2		-	12 U	0.89 U	1.9 U	0.42 U
Benzo(a)anthracene	2	0.6		11	14 J	3.4 J	27 J	1.1 J
Benzo(a)pyrene	0.2	0.2		-	8.9	1.1	0.78	0.84
Benzo(b)fluoranthene	2	0.6		-	6.8	0.55	0.59	0.43
Chloroform	2	0.6		-	7.6	0.67	0.9	0.53
Dibenz(a,h)anthracene	0.2	0.2		1.3 U	0.34 UJ	0.36 UJ	0.28 UJ	0.37 UJ
Indeno(1,2,3-cd)Pyrene	2	0.6		-	1 J	0.11 J	0.2 J	0.072 J
Lead	800	400		-	2.7 J	0.24	0.53	0.15
N-Nitrosodi-n-propylamine	0.3	0.2		-	69	13.6	633	48.8 J
Naphthalene	17	6		-	3 U	0.22 U	0.48 U	0.1 U
				-	24	0.044 U	1.4	3.1 J

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4640	S4640	S4641	S4642	S4642
			Field Sample ID	S4640A3	S4640D3	S4641C4	S4642B2	S4642D1
			Sample Date	09/30/2015	09/30/2015	08/05/2015	10/15/2015	10/15/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	1 - 1.5	7 - 7.5	5.5 - 6	2.5 - 3	6 - 6.5
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		0.065 UJ	0.29 UJ	0.75 UJ	0.001 UJ	0.063 U
Arsenic	19	19		0.095 U	0.56 UJ	0.049 U	0.098 U	0.11 U
Atrazine	2400	210		15.5	10.4	19.8 J	22.1	104
Barium	59000	16000		0.19 U	1.1 U	0.097 U	0.2 U	0.22 U
Benzaldehyde	68000	6100		45.3	120	37.4 J	70.2	147
Benzene	5	2		0.38 U	2.2 U	0.19 U	0.39 U	0.44 U
Benzo(a)anthracene	2	0.6		0.16 J	0.93 J	14 J	0.0005 UJ	0.031 U
Benzo(a)pyrene	0.2	0.2		0.35	1	0.01 U	0.11	0.21
Benzo(b)fluoranthene	2	0.6		0.37	0.55 J	0.01 U	0.11	0.22
Chloroform	2	0.6		0.52	0.67	0.01 U	0.19	0.21
Dibenz(a,h)anthracene	0.2	0.2		0.065 UJ	0.29 UJ	0.75 UJ	0.001 UJ	0.063 U
Indeno(1,2,3-cd)Pyrene	2	0.6		0.082 J	0.18 J	0.01 U	0.074 J	0.022 U
Lead	800	400		0.23	0.28 J	0.01 U	0.11	0.068 J
N-Nitrosodi-n-propylamine	0.3	0.2		191	25	16.6 J	99.7	1160
Naphthalene	17	6		0.095 U	0.56 UJ	0.049 U	0.098 U	0.11 U
				0.04 J	6.5	0.021 J	0.046 J	0.022 U

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4643	S4643	S4644	S4644	S4644
			Field Sample ID	S4643A3	S4643D1	S4644A3	S4644B4	S4644D2
			Sample Date	08/05/2015	08/05/2015	09/28/2015	09/28/2015	09/28/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	1 - 1.5	6 - 6.5	1 - 1.5	3.5 - 4	6.5 - 7
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		0.0009 UJ	0.16 UJ	0.11 U	0.37 UJ	0.33 UJ
Arsenic	19	19		0.087 U	0.63 U	0.35 U	0.9 U	-
Atrazine	2400	210		10.7	17.6	21.2	4.86	-
Barium	59000	16000		0.17 U	1.3 U	0.71 U	1.8 U	-
Benzaldehyde	68000	6100		50.1	161	79.4	40	-
Benzene	5	2		0.35 U	2.5 U	1.4 U	3.6 UJ	-
Benzo(a)anthracene	2	0.6		0.0006 J	19 J	1.5	1.5 J	6.8 J
Benzo(a)pyrene	0.2	0.2		0.27	1.3	0.79	2.4	-
Benzo(b)fluoranthene	2	0.6		0.27	0.92	0.65	1.1	-
Chloroform	2	0.6		0.38	0.93	0.65	1.4	-
Dibenz(a,h)anthracene	0.2	0.2		0.0009 UJ	0.16 UJ	0.11 U	0.37 UJ	0.33 UJ
Indeno(1,2,3-cd)Pyrene	2	0.6		0.061 J	0.22 J	0.07 U	0.46 J	-
Lead	800	400		0.19	0.32 J	0.37	0.69 J	-
N-Nitrosodi-n-propylamine	0.3	0.2		106	133	175	23	-
Naphthalene	17	6		0.087 U	0.63 U	0.35 U	0.9 U	-
				0.040 J	11	4.2	0.18 U	-

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4644	S4646	S4646	S4646	S4647
			Field Sample ID	S4644J4	S4646B2	S4646C3	S4646D2	S4647B3
			Sample Date	09/28/2015	10/14/2015	10/14/2015	10/14/2015	09/29/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	19.5 - 20	2.5 - 3	5 - 5.5	6.5 - 7	3 - 3.5
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		0.005 UJ	0.001 U	0.36 UJ	0.37 UJ	0.092 UJ
Arsenic	19	19		0.5 U	0.18 U	-	5.7	0.093 U
Atrazine	2400	210		5.47 J	22.5	-	7.96	20.3
Barium	59000	16000		0.99 U	0.35 U	-	0.23 U	0.19 U
Benzaldehyde	68000	6100		34.1 J	39.3	-	39.2	59.5
Benzene	5	2		2 UJ	0.71 U	-	0.45 U	0.37 U
Benzo(a)anthracene	2	0.6		0.002 UJ	0.001 J	3.6 J	3.4 J	0.47 J
Benzo(a)pyrene	0.2	0.2		0.099 U	0.26	-	0.55	0.36
Benzo(b)fluoranthene	2	0.6		0.23 J	0.24	-	0.33	0.18
Chloroform	2	0.6		0.13 J	0.34	-	0.45	0.23
Dibenz(a,h)anthracene	0.2	0.2		0.005 UJ	0.001 U	0.36 UJ	0.37 UJ	0.092 UJ
Indeno(1,2,3-cd)Pyrene	2	0.6		0.23 J	0.035 U	-	0.12	0.053 J
Lead	800	400		0.25 J	0.19	-	0.21	0.084 J
N-Nitrosodi-n-propylamine	0.3	0.2		7.01 J	197	-	25.6	465
Naphthalene	17	6		0.5 U	0.18 U	-	2.8	0.093 U
				0.14 J	0.17 J	-	4.4	0.97

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4648	S4648	S4649	S4650	S4650
			Field Sample ID	S4648A3	S4648E2	S4649D3	S4650A4	S4650D1
			Sample Date	10/26/2015	10/26/2015	09/29/2015	09/30/2015	09/30/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	1 - 1.5	8.5 - 9	7 - 7.5	1.5 - 2	6 - 6.5
			Associated AOC	AOC - 14				
				Report Result				
1,2-Dibromoethane	0.04	0.008		0.067 U	0.095 UJ	0.064 U	0.001 U	0.43 UJ
Acetophenone	5	2		0.02 U	1.4 U	0.11 U	0.09 U	0.47 U
Arsenic	19	19		25.6	188	22.6	23.1	34.2
Atrazine	2400	210		0.04 U	2.7 U	0.22 U	0.18 U	0.94 U
Barium	59000	16000		77.2	230	104	50.4	52.7
Benzaldehyde	68000	6100		0.08 U	5.4 U	0.45 U	0.36 U	1.9 U
Benzene	5	2		0.5	2.7 J	11	0.002 J	7.3 J
Benzo(a)anthracene	2	0.6		0.14	4.5	0.94	0.33	1.8
Benzo(a)pyrene	0.2	0.2		0.11	2.6	0.54	0.3	0.7
Benzo(b)fluoranthene	2	0.6		0.16	3.4	0.63	0.39	1
Chloroform	2	0.6		0.067 U	0.095 UJ	0.064 U	0.001 U	0.43 UJ
Dibenz(a,h)anthracene	0.2	0.2		0.021	0.63 J	0.15	0.064 J	0.31 J
Indeno(1,2,3-cd)Pyrene	2	0.6		0.055	1.8	0.27	0.19	0.5
Lead	800	400		189	496	83.4	208	109
N-Nitrosodi-n-propylamine	0.3	0.2		0.02 U	1.4 U	0.11 U	0.09 U	0.47 U
Naphthalene	17	6		0.13	21	5	0.14	7.4

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4651	S4652	S4655	S4655	S4681
			Field Sample ID	S4651C4	S4652A3	S4655B1	S4655B3	S4681A4
			Sample Date	10/15/2015	09/28/2015	10/16/2015	10/16/2015	10/16/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	5.5 - 6	1 - 1.5	2 - 2.5	3 - 3.5	1.5 - 2
			Associated AOC	AOC - 14				
				Report Result				
1,2-Dibromoethane	0.04	0.008		0.049 UJ	0.07 UJ	0.001 U	0.23 U	0.001 U
Acetophenone	5	2		0.089 U	0.18 U	0.091 U	0.45 U	0.096 U
Arsenic	19	19		1.11 UJ	40.2	38.5	47.7	23.1
Atrazine	2400	210		0.18 U	0.36 U	0.18 U	0.9 U	0.19 U
Barium	59000	16000		48.2	110	73.7	130	70
Benzaldehyde	68000	6100		0.36 U	0.72 UJ	0.36 U	1.8 U	0.38 U
Benzene	5	2		0.024 UJ	7.4 J	0.001 J	18	0.013
Benzo(a)anthracene	2	0.6		0.75	32	0.13	3	0.19
Benzo(a)pyrene	0.2	0.2		0.39	18	0.11	2	0.2
Benzo(b)fluoranthene	2	0.6		0.36	24	0.18	3.1	0.26
Chloroform	2	0.6		0.049 UJ	0.07 UJ	0.001 U	0.23 U	0.001 U
Dibenz(a,h)anthracene	0.2	0.2		0.085 J	2.8	0.047 J	0.59	0.019 U
Indeno(1,2,3-cd)Pyrene	2	0.6		0.16	8.8	0.086 J	1.3	0.14
Lead	800	400		5.46	143	367	612	154
N-Nitrosodi-n-propylamine	0.3	0.2		0.089 U	0.18 U	0.091 U	0.45 U	0.096 U
Naphthalene	17	6		0.018 U	5.6	0.062 J	1.4	0.032 J

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4681	S5246	S5246	S5247	S5247
			Field Sample ID	S4681D2	S5246C3	S5246C4	S5247B4	S5247C4
			Sample Date	10/16/2015	08/02/2016	08/02/2016	08/02/2016	08/02/2016
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	6.5 - 7	5 - 5.5	5.5 - 6	3.5 - 4	5.5 - 6
			Associated AOC	AOC - 14				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
1,2-Dibromoethane	0.04	0.008		0.33 UJ	0.4 UJ	0.46 UJ	1.3 UJ	0.76 UJ
Acetophenone	5	2		0.11 U	-	-	-	-
Arsenic	19	19		17	-	-	-	-
Atrazine	2400	210		0.22 U	-	-	-	-
Barium	59000	16000		30.1	-	-	-	-
Benzaldehyde	68000	6100		0.44 U	-	-	-	-
Benzene	5	2		4.3 J	10 J	27 J	12 J	7 J
Benzo(a)anthracene	2	0.6		0.7	-	-	-	-
Benzo(a)pyrene	0.2	0.2		0.45	-	-	-	-
Benzo(b)fluoranthene	2	0.6		0.46	-	-	-	-
Chloroform	2	0.6		0.33 UJ	0.4 UJ	0.46 UJ	1.3 UJ	0.76 UJ
Dibenz(a,h)anthracene	0.2	0.2		0.11 J	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		0.2	-	-	-	-
Lead	800	400		48.4	-	-	-	-
N-Nitrosodi-n-propylamine	0.3	0.2		0.11 U	-	-	-	-
Naphthalene	17	6		0.022 U	-	-	-	-

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5248	S5249	S5250	S5250	S5250
			Field Sample ID	S5248B2	S5249B1	S5250A3	S5250B2	S5250D2
			Sample Date	08/03/2016	08/03/2016	08/09/2016	08/09/2016	08/09/2016
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	2.5 - 3	2 - 2.5	1 - 1.5	2.5 - 3	6.5 - 7
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		0.97 UJ	1 UJ	0.062 UJ	0.24 UJ	0.075 UJ
Arsenic	19	19		-	-	-	-	-
Atrazine	2400	210		-	-	-	-	-
Barium	59000	16000		-	-	-	-	-
Benzaldehyde	68000	6100		-	-	-	-	-
Benzene	5	2		16 J	5.5 J	3.7 J	8.7 J	8.4 J
Benzo(a)anthracene	2	0.6		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		0.5 J	-	3.1	-	-
Benzo(b)fluoranthene	2	0.6		-	-	-	-	-
Chloroform	2	0.6		0.97 UJ	1 UJ	0.062 UJ	0.24 UJ	0.075 UJ
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	-	-
Lead	800	400		-	-	-	-	-
N-Nitrosodi-n-propylamine	0.3	0.2		-	-	-	-	-
Naphthalene	17	6		-	-	-	-	-

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5251	S5254	S5255	S5270	S5271
			Field Sample ID	S5251A3	S5254B3	S5255C1	S5270A3	D0812169
			Sample Date	08/09/2016	08/11/2016	08/11/2016	08/12/2016	08/12/2016
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	1 - 1.5	3 - 3.5	4 - 4.5	1 - 1.5	1 - 1.5
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		-	0.15 UJ	0.086 UJ	-	-
Arsenic	19	19		-	-	-	-	-
Atrazine	2400	210		-	-	-	-	-
Barium	59000	16000		-	-	-	-	-
Benzaldehyde	68000	6100		-	-	-	-	-
Benzene	5	2		-	2.2 J	1.7 J	-	-
Benzo(a)anthracene	2	0.6		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		0.82	2.7 J+	0.93	1.2	0.21 J
Benzo(b)fluoranthene	2	0.6		-	-	-	-	-
Chloroform	2	0.6		-	0.15 UJ	0.086 UJ	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	-	-
Lead	800	400		-	-	-	-	-
N-Nitrosodi-n-propylamine	0.3	0.2		-	-	-	-	-
Naphthalene	17	6		-	-	-	-	-

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5273	S5273	S5274	S5278	S5323
			Field Sample ID	S5273B3	S5273C2	S5274B4	S5278D2	S5323D1
			Sample Date	08/15/2016	08/15/2016	08/15/2016	08/16/2016	09/27/2016
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	3 - 3.5	4.5 - 5	3.5 - 4	6.5 - 7	6 - 6.5
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		-	-	0.094 UJ	0.09 UJ	3.3 UJ
Arsenic	19	19		-	-	-	-	-
Atrazine	2400	210		-	-	-	-	-
Barium	59000	16000		-	-	-	-	-
Benzaldehyde	68000	6100		-	-	-	-	-
Benzene	5	2		-	-	6 J	16 J-	38 J
Benzo(a)anthracene	2	0.6		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		1.3 J+	1.7 J+	-	-	-
Benzo(b)fluoranthene	2	0.6		-	-	-	-	-
Chloroform	2	0.6		-	-	0.094 UJ	0.09 UJ	3.3 UJ
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	-	-
Lead	800	400		-	-	-	-	-
N-Nitrosodi-n-propylamine	0.3	0.2		-	-	-	-	-
Naphthalene	17	6		-	-	-	-	-

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5324	S5357	S5359	S5359	S5425
			Field Sample ID	S5324C1	S5357C1	S5359B2	S5359C1	S5425B2
			Sample Date	09/27/2016	10/27/2016	10/28/2016	10/28/2016	04/03/2017
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	4 - 4.5	4 - 4.5	2.5 - 3	4 - 4.5	2.5 - 3
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		0.39 UJ	0.077 UJ	0.14 UJ	0.076 UJ	0.092 UJ
Arsenic	19	19		-	-	-	-	-
Atrazine	2400	210		-	-	-	-	-
Barium	59000	16000		-	-	-	-	-
Benzaldehyde	68000	6100		-	-	-	-	-
Benzene	5	2		22 J	9.5 J	21 J	22 J	7.2 J
Benzo(a)anthracene	2	0.6		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Benzo(b)fluoranthene	2	0.6		-	-	-	-	-
Chloroform	2	0.6		0.39 UJ	0.077 UJ	0.14 UJ	0.076 UJ	0.092 UJ
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	-	-
Lead	800	400		-	-	-	-	-
N-Nitrosodi-n-propylamine	0.3	0.2		-	-	-	-	-
Naphthalene	17	6		-	-	-	-	-

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5425	S5425	S5866	S5867	S5870
			Field Sample ID	S5425B3	S5425C1	S5866A4	S5867A3	S5870A3
			Sample Date	04/03/2017	04/03/2017	03/21/2019	03/21/2019	03/22/2019
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	3 - 3.5	4 - 4.5	1.5 - 2	1 - 1.5	1 - 1.5
			Associated AOC	AOC - 14				
1,2-Dibromoethane	0.04	0.008		Report Result				
Acetophenone	5	2		0.63 UJ	0.43 UJ	-	-	-
Arsenic	19	19		-	-	-	-	-
Atrazine	2400	210		-	-	38.7	43.3	38.3
Barium	59000	16000		-	-	-	-	-
Benzaldehyde	68000	6100		-	-	-	-	-
Benzene	5	2		6.3 J	16 J	-	-	-
Benzo(a)anthracene	2	0.6		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Benzo(b)fluoranthene	2	0.6		-	-	-	-	-
Chloroform	2	0.6		0.63 UJ	0.43 UJ	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	-	-
Lead	800	400		-	-	-	-	-
N-Nitrosodi-n-propylamine	0.3	0.2		-	-	-	-	-
Naphthalene	17	6		-	-	-	-	-

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5879	S5902	S5918
			Field Sample ID	S5879A2	S5902A4	S5918A4
			Sample Date	04/12/2019	05/21/2019	06/11/2019
			Mean Surface Elevation (feet)	11.00	11.00	11.00
			Sample Depth (feet)	0.5 - 1	1.5 - 2	1.5 - 2
			Associated AOC	AOC - 14	AOC - 14	AOC - 14
			Report Result	Report Result	Report Result	Report Result
1,2-Dibromoethane	0.04	0.008	-	-	-	-
Acetophenone	5	2	-	-	-	-
Arsenic	19	19	20.8	40.7	33.8	-
Atrazine	2400	210	-	-	-	-
Barium	59000	16000	-	-	-	-
Benzaldehyde	68000	6100	-	-	-	-
Benzene	5	2	-	-	-	-
Benzo(a)anthracene	2	0.6	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-
Chloroform	2	0.6	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-
Lead	800	400	-	-	-	-
N-Nitrosodi-n-propylamine	0.3	0.2	-	-	-	-
Naphthalene	17	6	-	-	-	-

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2779	S2779	S2779	S2780	S2781
			Field Sample ID	S2779A2	S2779C4	S2779D3	S2780A3	S2781A1
			Sample Date	06/11/2013	06/11/2013	06/11/2013	06/11/2013	06/25/2013
			Sample Depth (feet)	0.5 - 1	5.5 - 6	7 - 7.5	1 - 1.5	0 - 0.5
			Associated AOC	PAOC - 61				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		13.4	17.1	6.56	8.20	19.8
Benzo(a)anthracene	2	0.6		2.4	2.7	0.36	0.18	0.40
Benzo(a)pyrene	0.2	0.2		2.3	2.5	0.51	0.28	0.54
Benzo(b)fluoranthene	2	0.6		2.6	2.7	0.36	0.22	0.54
Dibenz(a,h)anthracene	0.2	0.2		0.46	0.37	0.023 U	0.10	0.16 J
Indeno(1,2,3-cd)Pyrene	2	0.6		1.0	1.1	0.023 U	0.15	0.39
Lead	800	400		96.8	126	18.7	41.5 J	113

Notes:

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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2781	S2781	S2783	S2783	S2783
			Field Sample ID	S2781A3	S2781B1	S2783A1	S2783A2	S2783C1
			Sample Date	06/25/2013	06/25/2013	06/25/2013	06/25/2013	06/25/2013
			Sample Depth (feet)	1 - 1.5	2 - 2.5	0 - 0.5	0.5 - 1	4 - 4.5
			Associated AOC	PAOC - 61				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		21.1	9.17	26.0	11.7	11.6
Benzo(a)anthracene	2	0.6	-	0.24	-	0.56	0.26	
Benzo(a)pyrene	0.2	0.2	-	0.29	-	0.41	0.26	
Benzo(b)fluoranthene	2	0.6	-	0.32	-	0.46	0.18 J	
Dibenz(a,h)anthracene	0.2	0.2	-	0.094 J	-	0.087 J	0.039 U	
Indeno(1,2,3-cd)Pyrene	2	0.6	-	0.11 J	-	0.22	0.039 U	
Lead	800	400		140	4.60	247	75.2	28.4

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2909	S2955	S2957	S2959	S2961
			Field Sample ID	S2909A4	S2955A4	S2957A4	S2959A4	S2961A4
			Sample Date	10/02/2012	10/04/2012	10/02/2012	10/02/2012	10/02/2012
			Sample Depth (feet)	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2
			Associated AOC	PAOC - 61				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		29.6	25.6	29.3	37.9	23.1
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400		0.636 J	142	251	400	181

Notes:

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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3029	S3036	S3037	S3038	S3043
			Field Sample ID	S3029A4	S3036A4	S3037A4	S3038A4	S3043A4
			Sample Date	10/18/2012	10/22/2012	10/22/2012	10/23/2012	10/22/2012
			Sample Depth (feet)	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2
			Associated AOC	PAOC - 61				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		21.9	29.3	34.3	27.7	23.5
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400		169	416	338	104	225

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3046	S3469	S4173	S4174	S4175
			Field Sample ID	S3046A4	S3469A4	S4173B4	S4174B4	S4175C4
			Sample Date	10/22/2012	04/04/2013	07/02/2014	07/02/2014	07/18/2014
			Sample Depth (feet)	1.5 - 2	1.5 - 2	3.5 - 4	3.5 - 4	5.5 - 6
			Associated AOC	PAOC - 61				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		61.5	30.9	49.3	69.3	30.3
Benzo(a)anthracene	2	0.6	-	-	11 J-	26	5.5	
Benzo(a)pyrene	0.2	0.2	-	-	8.3 J-	18	3.3	
Benzo(b)fluoranthene	2	0.6	-	-	8.3 J-	17	3.2	
Dibenz(a,h)anthracene	0.2	0.2	-	-	1.3 J-	3.0	0.46 J	
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	2.9 J-	6.7	1.1	
Lead	800	400		679	-	287	397	59.5

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-20

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4176	S4177	S4177	S4178	S4179
			Field Sample ID	S4176B3	S4177F4	S4177J4	S4178D1	S4179C2
			Sample Date	07/02/2014	07/17/2014	07/17/2014	07/16/2014	07/02/2014
			Sample Depth (feet)	3 - 3.5	11.5 - 12	19.5 - 20	6 - 6.5	4.5 - 5
			Associated AOC	PAOC - 61				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		23.7	41.7 J	19.5	11.3	53.5
Benzo(a)anthracene	2	0.6		220	2.9	0.006 U	2.1	1.8 J
Benzo(a)pyrene	0.2	0.2		160	1.3	0.006 U	1.4	1.3 J
Benzo(b)fluoranthene	2	0.6		140	1.7	0.006 J	1.2	1.1 J
Dibenz(a,h)anthracene	0.2	0.2		24	0.24 J	0.006 U	0.36	0.38 U
Indeno(1,2,3-cd)Pyrene	2	0.6		57	0.46 J	0.006 U	0.61	0.60 J
Lead	800	400		164	74.1 J	17.4	47.2	503

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-20

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4180	S4397	S4397	S4399	S4399
			Field Sample ID	S4180G3	S4397B3	S4397C3	S4399B1	S4399C4
			Sample Date	07/16/2014	07/29/2015	07/29/2015	07/29/2015	07/29/2015
			Mean Surface Elevation (feet)	11.24	11.24	11.24	11.24	11.24
			Sample Depth (feet)	13 - 13.5	3 - 3.5	5 - 5.5	2 - 2.5	5.5 - 6
			Associated AOC	PAOC - 61				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		21.5	44.1	39.5	45.7	46.1
Benzo(a)anthracene	2	0.6		0.74	1.1	2.3	3.8	6.1 J
Benzo(a)pyrene	0.2	0.2		0.63	0.85	1.9	3.4	4.2 J
Benzo(b)fluoranthene	2	0.6		0.68	1.3	2.0	4.6	4.3 J
Dibenz(a,h)anthracene	0.2	0.2		0.021 U	0.17 J	0.19 U	0.73	0.23 U
Indeno(1,2,3-cd)Pyrene	2	0.6		0.35	0.49	0.75 J	1.9	1.8 J
Lead	800	400		232	280	105	216	80.9

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-20

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5764	S5764R1	S5799	S5846	S5847
			Field Sample ID	S5764B3	S5764R1B3	S5799B3	S5846A4	S5847A1
			Sample Date	07/25/2018	10/12/2018	08/30/2018	03/19/2019	03/19/2019
			Mean Surface Elevation (feet)	11.24	11.24	11.24	11.24	11.24
			Sample Depth (feet)	3 - 3.5	3 - 3.5	3 - 3.5	1.5 - 2	0 - 0.5
			Associated AOC	PAOC - 61				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-	75.3	38.3	
Benzo(a)anthracene	2	0.6	-	-	-	-	-	
Benzo(a)pyrene	0.2	0.2	-	2.4	18	-	-	
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	
Lead	800	400	869	-	277	-	-	

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-20

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5848	S5850	S5851	S5855	S5858
			Field Sample ID	S5848A3	S5850A3	S5851A4	S5855A4	S5858A4
			Sample Date	03/19/2019	03/19/2019	03/19/2019	03/20/2019	03/20/2019
			Mean Surface Elevation (feet)	11.24	11.24	11.24	11.24	11.24
			Sample Depth (feet)	1 - 1.5	1 - 1.5	1.5 - 2	1.5 - 2	1.5 - 2
			Associated AOC	PAOC - 61				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		27.8	39.1	37.3	44.9	34.3
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	-	-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-20

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5893
			Field Sample ID	S5893A4
			Sample Date	04/26/2019
			Mean Surface Elevation (feet)	11.24
			Sample Depth (feet)	1.5 - 2
			Associated AOC	PAOC - 61
			Report Result	
Arsenic	19	19		35.3
Benzo(a)anthracene	2	0.6		-
Benzo(a)pyrene	0.2	0.2		-
Benzo(b)fluoranthene	2	0.6		-
Dibenz(a,h)anthracene	0.2	0.2		-
Indeno(1,2,3-cd)Pyrene	2	0.6		-
Lead	800	400		-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-21

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S0499	S0500	S4186	S4188	S4189
			Field Sample ID	S0499B4	S0500B3	S4186C2	S4188D2	S4189D4
			Sample Date	10/14/1999	10/14/1999	10/23/2014	10/24/2014	10/27/2014
			Sample Depth (feet)	3.5 - 4	3 - 3.5	4.5 - 5	6.5 - 7	7.5 - 8
			Associated AOC	AOC - 6B				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
				69.9	30.3	514	20.6	44.1
Arsenic	19	19		1.4	0.75	0.73	2.3	0.38
Benzo(a)anthracene	2	0.6		1.2	0.42	0.32	1.9	0.38
Benzo(a)pyrene	0.2	0.2		0.4	3.8 U	0.064 J	0.45 J	0.12 J
Dibenz(a,h)anthracene	0.2	0.2		831	609	12700	49.0	50.5
Lead	800	400						

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-21

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4189	S4191	S4191	S4198	S4198
			Field Sample ID	S4189G4	S4191B3	S4191F4	S4198B3	S4198D4
			Sample Date	10/27/2014	12/04/2014	12/04/2014	12/05/2014	12/05/2014
			Sample Depth (feet)	13.5 - 14	3 - 3.5	11.5 - 12	3 - 3.5	7.5 - 8
			Associated AOC	AOC - 6B				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		85.4	42.7	16.7	60.4	50.1
Benzo(a)anthracene	2	0.6		1.4	1.5	0.51 J	0.53	0.19 J
Benzo(a)pyrene	0.2	0.2		1.1	1.4	0.60 J	0.43	0.21 J
Dibenz(a,h)anthracene	0.2	0.2		0.19 J	0.19 U	0.22 U	0.038 U	0.094 U
Lead	800	400		1060	185	99.5	360	77.1

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-21

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4198	S5408	S5408	S5442	S5762
			Field Sample ID	S4198K4	S5408B2	S5408B4	S5442B2	S5762B1
			Sample Date	12/05/2014	11/21/2016	11/21/2016	05/10/2017	06/28/2018
			Sample Depth (feet)	21.5 - 22	2.5 - 3	3.5 - 4	2.5 - 3	2 - 2.5
			Associated AOC	AOC - 6B				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
			20.5	-	-	-	-	-
Arsenic	19	19	0.012 U	-	-	-	-	-
Benzo(a)anthracene	2	0.6	0.012 U	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	0.012 U	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	11.8	991 J	1070	18500	14800	
Lead	800	400						

Notes:

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3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-21

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5763	S5777	S5903	S5913	S5914
			Field Sample ID	S5763F3	S5777G3	S5903A3	S5913A3	S5914A3
			Sample Date	06/29/2018	07/31/2018	05/21/2019	06/10/2019	06/10/2019
			Mean Surface Elevation (feet)	9.10	9.10	9.10	9.10	9.10
			Sample Depth (feet)	11 - 11.5	13 - 13.5	1 - 1.5	1 - 1.5	1 - 1.5
			Associated AOC	AOC - 6B				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	20.7	21.3 J	108	
Benzo(a)anthracene	2	0.6	-	-	-	-	-	
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	
Lead	800	400		3550 J	6100 J	-	-	-

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-21

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5915	S5937
			Field Sample ID	S5915A3	S5937A3
			Sample Date	06/10/2019	07/17/2019
			Mean Surface Elevation (feet)	9.10	9.10
			Sample Depth (feet)	1 - 1.5	1 - 1.5
			Associated AOC	AOC - 6B	AOC - 6B
			Report Result	Report Result	
Arsenic	19	19		112	48.2
Benzo(a)anthracene	2	0.6		-	-
Benzo(a)pyrene	0.2	0.2		-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-
Lead	800	400		-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-22

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	PE-1097	PE-1100	PE-1103	PE-1105	PE-1106
			Field Sample ID	PE1097	PE1100	PE1103	PE1105	PE1106
			Sample Date	08/12/2016	08/16/2016	08/17/2016	08/18/2016	08/18/2016
			Mean Surface Elevation (feet)	7.83	7.83	7.83	7.83	7.83
			Sample Depth (feet)	-	-	-	-	-
			Associated AOC	AOC - 29				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Lead	800	400		1320 J	803 J	1450	1080 J	2200 J

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-22

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	PE-1107	PE-1109	PE-1111	PE-1115	PE-1119
			Field Sample ID	PE1107	PE1109	PE1111	PE1115	PE1119
			Sample Date	08/19/2016	08/22/2016	08/22/2016	08/25/2016	08/25/2016
			Mean Surface Elevation (feet)	7.83	7.83	7.83	7.83	7.83
			Sample Depth (feet)	-	-	-	-	-
			Associated AOC	AOC - 29				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Lead	800	400		1080 J	1060 J	1280	813 J	1120

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-22

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	PE-1120	PE-1121	PE-1129	PE-1130	PE-1138
			Field Sample ID	PE1120	PE1121	PE1129	PE1130	PE1138
			Sample Date	08/25/2016	08/25/2016	08/29/2016	08/29/2016	09/16/2016
			Mean Surface Elevation (feet)	7.83	7.83	7.83	7.83	7.83
			Sample Depth (feet)	-	-	-	-	-
			Associated AOC	AOC - 29				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Lead	800	400		2800	1810	1140 J	2720 J	24300

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-22

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	PE-1140	PE-1142	PE-1150	PE-1237	PE-1239
			Field Sample ID	PE1140	PE1142	PE1150	PE1237	PE1239
			Sample Date	09/16/2016	09/16/2016	09/16/2016	09/28/2016	09/28/2016
			Mean Surface Elevation (feet)	7.83	7.83	7.83	7.83	7.83
			Sample Depth (feet)	-	-	-	-	-
			Associated AOC	AOC - 29				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Lead	800	400		1040	2120	878	1580 J	1430 J

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-22

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	PE-1241	PE-1243	PE-1247	S4765	S4765
			Field Sample ID	PE1241	PE1243	PE1247	S4765A1	S4765E1
			Sample Date	09/28/2016	10/04/2016	10/05/2016	08/20/2015	08/20/2015
			Mean Surface Elevation (feet)	7.83	7.83	7.83	7.83	7.83
			Sample Depth (feet)	-	-	-	0 - 0.5	8 - 8.5
			Associated AOC	AOC - 29				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-	93.8	78.2	
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	
Lead	800	400		4640 J	1420	1270 J-	1370	236

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-22

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4772	S5017	S5018	S5018	S5018
			Field Sample ID	S4772B2	S5017B3	D1008159	S5018B3	S5018C1
			Sample Date	06/24/2015	10/08/2015	10/08/2015	10/08/2015	10/08/2015
			Mean Surface Elevation (feet)	7.83	7.83	7.83	7.83	7.83
			Sample Depth (feet)	2.5 - 3	3 - 3.5	3 - 3.5	3 - 3.5	4 - 4.5
			Associated AOC	AOC - 29				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		47.8	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	0.3	1.3 J	2.6 J	2.1
Lead	800	400		205	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-22

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5074	S5075	S5075	S5076	S5076
			Field Sample ID	S5074A1	S5075A1	S5075A4	S5076A2	S5076B1
			Sample Date	03/21/2016	03/21/2016	03/21/2016	03/21/2016	03/21/2016
			Mean Surface Elevation (feet)	7.83	7.83	7.83	7.83	7.83
			Sample Depth (feet)	0 - 0.5	0 - 0.5	1.5 - 2	0.5 - 1	2 - 2.5
			Associated AOC	AOC - 29				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Lead	800	400		1160	24300	1590 J	4220	3040

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-22

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5077	S5104	S5105	S5106	S5106
			Field Sample ID	S5077A1	S5104A2	S5105A1	S5106A2	S5106A3
			Sample Date	03/21/2016	04/14/2016	04/14/2016	04/14/2016	04/14/2016
			Mean Surface Elevation (feet)	7.83	7.83	7.83	7.83	7.83
			Sample Depth (feet)	0 - 0.5	0.5 - 1	0 - 0.5	0.5 - 1	1 - 1.5
			Associated AOC	AOC - 29				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Lead	800	400		1670	1800	820	2700	2740

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5106	S5108	S5109	S5161	S5161
			Field Sample ID	S5106B1	S5108A2	S5109A1	S5161A1	S5161A4
			Sample Date	04/14/2016	04/14/2016	04/15/2016	05/10/2016	05/10/2016
			Mean Surface Elevation (feet)	7.83	7.83	7.83	7.83	7.83
			Sample Depth (feet)	2 - 2.5	0.5 - 1	0 - 0.5	0 - 0.5	1.5 - 2
			Associated AOC	AOC - 29				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Lead	800	400		2890	1330	1240	1490	1850

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5164	S5165	S5167	S5167	S5167
			Field Sample ID	S5164A2	S5165A4	S5167A2	S5167A3	S5167A4
			Sample Date	05/10/2016	05/12/2016	05/18/2016	05/18/2016	05/18/2016
			Mean Surface Elevation (feet)	7.83	7.83	7.83	7.83	7.83
			Sample Depth (feet)	0.5 - 1	1.5 - 2	0.5 - 1	1 - 1.5	1.5 - 2
			Associated AOC	AOC - 29				
				Report Result				
Arsenic	19	19		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Lead	800	400		848	909	1340	1900	1860

Notes:

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3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5167	S5168	S5169	S5181	S5181
			Field Sample ID	S5167B2	S5168A1	S5169A2	S5181A4	S5181B2
			Sample Date	05/18/2016	05/18/2016	05/18/2016	05/31/2016	05/31/2016
			Mean Surface Elevation (feet)	7.83	7.83	7.83	7.83	7.83
			Sample Depth (feet)	2.5 - 3	0 - 0.5	0.5 - 1	1.5 - 2	2.5 - 3
			Associated AOC	AOC - 29				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Lead	800	400		1540 J	1720	1680	1240	3470

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5181	S5182	S5186	S5916	S5917
			Field Sample ID	S5181B3	S5182A3	S5186A2	S5916A4	S5917A2
			Sample Date	05/31/2016	05/31/2016	05/31/2016	06/10/2019	06/10/2019
			Mean Surface Elevation (feet)	7.83	7.83	7.83	7.83	7.83
			Sample Depth (feet)	3 - 3.5	1 - 1.5	0.5 - 1	1.5 - 2	0.5 - 1
			Associated AOC	AOC - 29				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19	-	-	-	-	72.8	82.8
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Lead	800	400	3360	2900	1120	-	-	-

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5931	S5932	S5933	S5935	S5936
			Field Sample ID	S5931A2	S5932A3	S5933A1	S5935A4	S5936A4
			Sample Date	07/17/2019	07/17/2019	07/17/2019	07/17/2019	07/17/2019
			Mean Surface Elevation (feet)	7.83	7.83	7.83	7.83	7.83
			Sample Depth (feet)	0.5 - 1	1 - 1.5	0 - 0.5	1.5 - 2	1.5 - 2
			Associated AOC	AOC - 29				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		64.1	106	102	72.3	144
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Lead	800	400		-	-	-	-	-

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5940	S5942	S5948	S5949	S5950
			Field Sample ID	S5940A2	S5942A2	S5948A4	S5949A1	S5950A3
			Sample Date	07/18/2019	07/18/2019	07/19/2019	07/19/2019	07/19/2019
			Mean Surface Elevation (feet)	7.83	7.83	7.83	7.83	7.83
			Sample Depth (feet)	0.5 - 1	0.5 - 1	1.5 - 2	0 - 0.5	1 - 1.5
			Associated AOC	AOC - 29				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		85.5	87.9	59.3	32.5	59.3
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Lead	800	400		-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5951	S5957	S5958	S5959
			Field Sample ID	S5951A3	S5957A2	S5958A2	S5959A3
			Sample Date	07/19/2019	08/20/2019	08/20/2019	08/20/2019
			Mean Surface Elevation (feet)	7.83	7.83	7.83	7.83
			Sample Depth (feet)	1 - 1.5	0.5 - 1	0.5 - 1	1 - 1.5
			Associated AOC	AOC - 29	AOC - 29	AOC - 29	AOC - 29
				Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		174	81	220	61.4
Benzo(a)pyrene	0.2	0.2		-	-	-	-
Lead	800	400		-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2674	S2674	S2674	S2676	S2676
			Field Sample ID	S2674A1	S2674C1	S2674D4	S2676B3	S2676D3
			Sample Date	03/21/2013	03/21/2013	03/21/2013	03/21/2013	03/21/2013
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	0 - 0.5	4 - 4.5	7.5 - 8	3 - 3.5	7 - 7.5
			Associated AOC	PAOC - 1				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7		0.82 U	4.4 U	-	-	0.88 U
Acetophenone	5	2		12	5.2	-	-	0.22 U
Antimony	450	31		23.2	6.96	7.87	76.0	8.43
Arsenic	19	19		20.8	47.0	22.1	44.5	54.6
Benzo(a)anthracene	2	0.6		0.84	0.35 J	-	-	0.25
Benzo(a)pyrene	0.2	0.2		1.5	0.46 J	-	-	0.20 J
Benzo(b)fluoranthene	2	0.6		1.5	0.36 J	-	-	0.16 J
Dibenz(a,h)anthracene	0.2	0.2		0.21	0.22 U	-	-	0.044 U
Indeno(1,2,3-cd)Pyrene	2	0.6		0.91	0.22 U	-	-	0.16 J
Lead	800	400		334	89.1	3680	1070	218
Manganese	5900	11000		173	19.6	95.5	411	182

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2676	S2677	S2820	S2820	S2820
			Field Sample ID	S2676H2	S2677C4	S2820A2	S2820A3	S2820D1
			Sample Date	03/21/2013	05/23/2013	06/13/2013	06/13/2013	06/13/2013
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	14.5 - 15	5.5 - 6	0.5 - 1	1 - 1.5	6 - 6.5
			Associated AOC	PAOC - 1	PAOC - 1	PAOC - 71	PAOC - 71	PAOC - 71
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7		0.11 U	1.3 U	0.80 U	-	0.57 U
Acetophenone	5	2		0.028 U	0.32 U	0.57	-	0.14 U
Antimony	450	31		3.65	9.26	70.7	112	14.8
Arsenic	19	19		24.2	256	75.4	197	103
Benzo(a)anthracene	2	0.6		6.4	0.25 J	0.71	-	0.99
Benzo(a)pyrene	0.2	0.2		6.9	0.29 J	0.80	-	1.5
Benzo(b)fluoranthene	2	0.6		6.8	0.39	0.88	-	1.5
Dibenz(a,h)anthracene	0.2	0.2		0.76	0.065 U	0.040 U	-	0.35
Indeno(1,2,3-cd)Pyrene	2	0.6		3.2	0.12 J	0.50	-	1.2
Lead	800	400		406	1170	1850	3090	969
Manganese	5900	11000		98.8	154	554	836	232

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2820	S2821	S2823	S2823	S2823
			Field Sample ID	S2820E3	S2821C3	S2823A3	S2823A4	S2823C4
			Sample Date	06/13/2013	06/14/2013	06/12/2013	06/12/2013	06/12/2013
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	9 - 9.5	5 - 5.5	1 - 1.5	1.5 - 2	5.5 - 6
			Associated AOC	PAOC - 71				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7		0.13 U	4.6 U	0.79 U	-	1.0 U
Acetophenone	5	2		0.031 U	1.1 U	0.20 U	-	0.25 U
Antimony	450	31		5.09	5.90	43.5	36.7	4.61
Arsenic	19	19		19.6	63.6	118	19.6	63.8
Benzo(a)anthracene	2	0.6		0.025 J	0.84 J	1.3	-	3.8
Benzo(a)pyrene	0.2	0.2		0.006 U	0.78 J	1.1	-	2.3
Benzo(b)fluoranthene	2	0.6		0.006 U	0.54 J	1.5	-	2.9
Dibenz(a,h)anthracene	0.2	0.2		0.006 U	0.23 U	0.35	-	0.58
Indeno(1,2,3-cd)Pyrene	2	0.6		0.006 U	0.23 U	0.68	-	1.2
Lead	800	400		377	101	1360	963	97.0
Manganese	5900	11000		323	83.4	678	685	339

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2823	S2824	S2824	S2824	S2824
			Field Sample ID	S2823E2	S2824A2	S2824C4	S2824F1	S2824F2
			Sample Date	06/12/2013	06/14/2013	06/14/2013	06/14/2013	06/14/2013
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	8.5 - 9	0.5 - 1	5.5 - 6	10 - 10.5	10.5 - 11
			Associated AOC	PAOC - 71				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7		0.16 U	0.073 U	4.2 U	-	0.16 U
Acetophenone	5	2		0.040 U	0.018 U	3.7	-	0.056 J
Antimony	450	31		3.71 J	4.67	3.34	11.8	2.11 J
Arsenic	19	19		46.8	27.5	55.5	88.7	21.2
Benzo(a)anthracene	2	0.6		0.23	0.059	0.21 U	-	0.034 J
Benzo(a)pyrene	0.2	0.2		0.24	0.049	0.21 U	-	0.008 U
Benzo(b)fluoranthene	2	0.6		0.25	0.056	0.21 U	-	0.031 J
Dibenz(a,h)anthracene	0.2	0.2		0.008 U	0.004 U	0.21 U	-	0.008 U
Indeno(1,2,3-cd)Pyrene	2	0.6		0.13	0.032	0.21 U	-	0.008 U
Lead	800	400		408	21.4	51.1	10800	109
Manganese	5900	11000		200	105	114	498	254

Notes:

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3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2879	S2879	S2879	S2880	S2880
			Field Sample ID	S2879A2	S2879B1	S2879C3	S2880A2	S2880A3
			Sample Date	06/12/2013	06/12/2013	06/12/2013	06/12/2013	06/12/2013
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	0.5 - 1	2 - 2.5	5 - 5.5	0.5 - 1	1 - 1.5
			Associated AOC	PAOC - 71				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7	0.079 U	-	7.4	0.36 U	-	
Acetophenone	5	2	0.20	-	0.22 U	0.090 U	-	
Antimony	450	31	9.77	299	5.72	457	116	
Arsenic	19	19	22.7	92.4	86.7	58.8	62.5	
Benzo(a)anthracene	2	0.6	0.24	-	1.7	2.4	-	
Benzo(a)pyrene	0.2	0.2	0.27	-	1.8	2.1	-	
Benzo(b)fluoranthene	2	0.6	0.35	-	2.0	2.5	-	
Dibenz(a,h)anthracene	0.2	0.2	0.064	-	0.37	0.36	-	
Indeno(1,2,3-cd)Pyrene	2	0.6	0.19	-	1.4	1.3	-	
Lead	800	400	284	4470	591	8090	1430	
Manganese	5900	11000	174	570	96.8	346	448	

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2880	S2880	S2881	S2881	S2881
			Field Sample ID	S2880C4	S2880E2	S2881A2	S2881B1	S2881C3
			Sample Date	06/12/2013	06/12/2013	06/14/2013	06/14/2013	06/14/2013
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	5.5 - 6	8.5 - 9	0.5 - 1	2 - 2.5	5 - 5.5
			Associated AOC	PAOC - 71				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7		0.88 U	0.15 U	0.77 U	-	8.8 U
Acetophenone	5	2		0.22 U	0.037 U	1.7	-	2.2 U
Antimony	450	31		3.68	5.49	39.3	29.4	18.0
Arsenic	19	19		48.6	58.5	42.5	64.4	76.1
Benzo(a)anthracene	2	0.6		1.2	0.14	1.6	-	1.5 J
Benzo(a)pyrene	0.2	0.2		0.70	0.13	1.3	-	0.44 U
Benzo(b)fluoranthene	2	0.6		0.78	0.17	1.5	-	1.1 J
Dibenz(a,h)anthracene	0.2	0.2		0.044 U	0.007 U	0.27	-	0.44 U
Indeno(1,2,3-cd)Pyrene	2	0.6		0.38	0.093	0.76	-	0.44 U
Lead	800	400		220	405	413	404	352
Manganese	5900	11000		48.9	238	322	125	201

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S2882	S2882	S2882	S3152	S3152
			Field Sample ID	S2882A1	S2882A3	S2882B2	S3152E2	S3152F3
			Sample Date	06/14/2013	06/14/2013	06/14/2013	03/13/2013	03/13/2013
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	0 - 0.5	1 - 1.5	2.5 - 3	8.5 - 9	11 - 11.5
			Associated AOC	PAOC - 71				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7		0.39 U	-	28 U	3.9 U	4.1 U
Acetophenone	5	2		0.098 U	-	7.0 U	0.98 U	1.0 U
Antimony	450	31		80.2	31.2	88.0	24.3	19.8
Arsenic	19	19		107	53.2	88.0	90.1	35.4
Benzo(a)anthracene	2	0.6		0.87	-	1.4 U	13	3.7
Benzo(a)pyrene	0.2	0.2		0.84	-	1.4 U	7.3	2.4
Benzo(b)fluoranthene	2	0.6		0.99	-	1.4 U	9.6	2.9
Dibenz(a,h)anthracene	0.2	0.2		0.18	-	1.4 U	1.1	0.45 J
Indeno(1,2,3-cd)Pyrene	2	0.6		0.49	-	1.4 U	2.8	1.0 J
Lead	800	400		1270	765	1610	668	389
Manganese	5900	11000		18000	260	277	291	132

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S3298	S3300	S3300	S4202	S4207
			Field Sample ID	S3298A4	S3300A3	S3300C3	S4202D2	D06301412
			Sample Date	05/23/2013	07/09/2013	07/09/2013	10/31/2014	06/30/2014
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	1.5 - 2	1.5 - 2	5 - 5.5	6.5 - 7	8.5 - 9
			Associated AOC	PAOC - 1	PAOC - 1	PAOC - 1	PAOC - 71	PAOC - 71
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7		0.84 U	1.7 U	2.1 U	0.83 UJ	0.95 U
Acetophenone	5	2		0.21 U	0.43 U	0.52 U	0.21 U	0.24 U
Antimony	450	31		5.35	59.2	9.32	23.9	8.21 J
Arsenic	19	19		27.5	16.4	111	59.2	82.5 J
Benzo(a)anthracene	2	0.6		0.042 U	0.70	2.0	0.39 J	0.92
Benzo(a)pyrene	0.2	0.2		0.042 U	0.68	1.3	0.32 J	0.71
Benzo(b)fluoranthene	2	0.6		0.042 U	0.91	1.4	0.45 J	0.88
Dibenz(a,h)anthracene	0.2	0.2		0.042 U	0.086 U	0.34 J	0.041 UJ	0.13 J
Indeno(1,2,3-cd)Pyrene	2	0.6		0.042 U	0.54	0.60	0.16 J	0.37
Lead	800	400			28.4	305	188	469
Manganese	5900	11000			62.2	94.7	69.8	291
								316 J

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4207	S4210	S4211	S4212	S4217
			Field Sample ID	S4207E2	S4210D3	S4211C4	S4212D2	S4217C3
			Sample Date	06/30/2014	10/29/2014	10/29/2014	10/28/2014	07/01/2014
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	8.5 - 9	7 - 7.5	5.5 - 6	6.5 - 7	5 - 5.5
			Associated AOC	PAOC - 71				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7		1.6 U	1.7 U	1.6 U	0.94 U	0.86 UJ
Acetophenone	5	2		0.40 U	0.42 U	0.39 U	0.24 U	0.22 U
Antimony	450	31		3.14 J	3.93	3.18	2.55 J	7.84
Arsenic	19	19		34.0 J	99.4	31.9	27.8	49.3
Benzo(a)anthracene	2	0.6		0.84	2.5	1.6	1.9	0.37 J-
Benzo(a)pyrene	0.2	0.2		0.58	1.5	1.0	1.9	0.34 J-
Benzo(b)fluoranthene	2	0.6		0.80	1.9	1.2	2.0	0.29 J-
Dibenz(a,h)anthracene	0.2	0.2		0.13 J	0.57	0.35 J	0.37	0.10 UJ
Indeno(1,2,3-cd)Pyrene	2	0.6		0.33 J	0.93	0.63	1.0	0.18 UJ
Lead	800	400		667 J	404	69.7	292	285
Manganese	5900	11000		109 J	300	1130	395	241

Notes:

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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4219	S4249	S4249	S4250	S4250
			Field Sample ID	S4219E2	S4249B2	S4249E4	S4250A4	S4250C1
			Sample Date	10/28/2014	03/21/2014	03/21/2014	03/25/2014	03/25/2014
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	8.5 - 9	2.5 - 3	9.5 - 10	1.5 - 2	4 - 4.5
			Associated AOC	PAOC - 71	AOC - 45	AOC - 45	PAOC - 1	PAOC - 1
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7	2.3 U	-	-	-	-	-
Acetophenone	5	2	0.57 U	-	-	-	-	-
Antimony	450	31	19.3	-	-	-	-	-
Arsenic	19	19	101	107	107	279	64.6	
Benzo(a)anthracene	2	0.6	0.11 U	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	0.11 U	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	0.11 U	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	0.11 U	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	0.11 U	-	-	-	-	-
Lead	800	400	620	-	-	-	-	-
Manganese	5900	11000	262	-	-	-	-	-

Notes:

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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4251	S4321	S4551	S4551	S4551
			Field Sample ID	S4251C1	S4321F1	S4551 BT1	S4551 BT10	S4551 BT11
			Sample Date	03/18/2014	10/29/2014	09/09/2014	09/09/2014	09/09/2014
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	4 - 4.5	10 - 10.5	-	-	-
			Associated AOC	AOC - 45	PAOC - 71	AOC - 45	AOC - 45	AOC - 45
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7	-	8.3 U	-	-	-	-
Acetophenone	5	2	-	2.1 U	-	-	-	-
Antimony	450	31	-	4.41	-	-	-	-
Arsenic	19	19	210	57.5	75.1	134	101	
Benzo(a)anthracene	2	0.6	-	0.91 J	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	1.1 J	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	1.1 J	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	1.1 J	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	0.66 J	-	-	-	-
Lead	800	400	-	206	-	-	-	-
Manganese	5900	11000	-	144	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4551	S4551	S4551	S4551	S4551
			Field Sample ID	S4551 BT2	S4551 BT3	S4551 BT4	S4551 BT5	S4551 BT6
			Sample Date	09/09/2014	09/09/2014	09/09/2014	09/09/2014	09/09/2014
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	-	-	-	-	-
			Associated AOC	AOC - 45				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7		-	-	-	-	-
Acetophenone	5	2		-	-	-	-	-
Antimony	450	31		-	-	-	-	-
Arsenic	19	19		139	49.6	97.0	119	72.5
Benzo(a)anthracene	2	0.6		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Benzo(b)fluoranthene	2	0.6		-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6		-	-	-	-	-
Lead	800	400		-	-	-	-	-
Manganese	5900	11000		-	-	-	-	-

Notes:

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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4551	S4551	S4551	S4552	S4553
			Field Sample ID	S4551 BT7	S4551 BT8	S4551 BT9	S4552B1	S4553B3
			Sample Date	09/09/2014	09/09/2014	09/09/2014	09/08/2014	11/12/2014
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	-	-	-	2 - 2.5	3 - 3.5
			Associated AOC	AOC - 45				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7	-	-	-	-	-	-
Acetophenone	5	2	-	-	-	-	-	-
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	95.5	87.4	87.4	41.6	74.8	
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	-	-	-	-	-	-
Manganese	5900	11000	-	-	-	-	-	-

Notes:

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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4553	S4553	S4553R4	S4553R4	S4553R4
			Field Sample ID	S4553D4	S4553F3	S4553R4B4	S4553R4D4	S4553R4F3
			Sample Date	11/12/2014	11/12/2014	11/16/2015	11/16/2015	11/16/2015
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	7.5 - 8	11 - 11.5	3.5 - 4	7.5 - 8	11 - 11.5
			Associated AOC	AOC - 45				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7	-	-	-	-	-	-
Acetophenone	5	2	-	-	-	-	-	-
Antimony	450	31	-	-	10.5	3.33	7.22	
Arsenic	19	19	33.9	90.8	72.9	27.1	41.6	
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	-	-	356	288	104	
Manganese	5900	11000	-	-	316	62.3	85.9	

Notes:

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4554	S4554	S4764	S4766	S4766
			Field Sample ID	S4554E3	S4554H1	S4764B4	S4766B1	S4766D1
			Sample Date	11/12/2014	11/12/2014	08/19/2015	08/07/2015	08/07/2015
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	9 - 9.5	14 - 14.5	3.5 - 4	2 - 2.5	6 - 6.5
			Associated AOC	AOC - 45	AOC - 45	PAOC - 1	PAOC - 1	PAOC - 1
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7	-	-	-	-	-	-
Acetophenone	5	2	-	-	-	-	-	-
Antimony	450	31	-	-	39.5	54.0 J	13.6	
Arsenic	19	19	212	41.1 J	51.3	126	80.0	
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	-	-	668	1390 J	305	
Manganese	5900	11000	-	-	134	440	157	

Notes:

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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4767	S4767	S4768	S4768	S4769
			Field Sample ID	S4767B4	S4767E2	S4768C2	S4768E4	S4769B4
			Sample Date	08/06/2015	08/06/2015	08/06/2015	08/06/2015	06/19/2015
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	3.5 - 4	8.5 - 9	4.5 - 5	9.5 - 10	3.5 - 4
			Associated AOC	PAOC - 1	PAOC - 1	AOC - 45	AOC - 45	AOC - 45
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7	-	-	-	-	-	-
Acetophenone	5	2	-	-	-	-	-	-
Antimony	450	31	20.4	10.4	7.82	26.0	19.8	
Arsenic	19	19	98.5	178	73.7	60.9	72.2	
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	673	1030	132	718	463	
Manganese	5900	11000	199	151	69.6	362	191	

Notes:

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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4769	S4771	S4771	S4780	S5023
			Field Sample ID	S4769D4	S4771B3	S4771C4	S4780G2	S5023B1
			Sample Date	06/19/2015	06/24/2015	06/24/2015	06/15/2015	11/13/2015
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	7.5 - 8	3 - 3.5	5.5 - 6	12.5 - 13	2 - 2.5
			Associated AOC	AOC - 45	PAOC - 1	PAOC - 1	AOC - 45	AOC - 45
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7	-	-	-	-	-	-
Acetophenone	5	2	-	-	-	-	-	-
Antimony	450	31	9.90	34.2	6.42	9.00	77.6	
Arsenic	19	19	40.5	85.4	30.8	121	94.1	
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	240	345	62.2	852	1240	
Manganese	5900	11000	44.7	51.1	30.6	212	346	

Notes:

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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5023	S5023	S5044	S5044	S5044
			Field Sample ID	S5023B3	S5023C4	S5044B2	S5044D1	S5044D3
			Sample Date	11/13/2015	11/13/2015	03/17/2016	03/17/2016	03/17/2016
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	3 - 3.5	5.5 - 6	2.5 - 3	6 - 6.5	7 - 7.5
			Associated AOC	AOC - 45	AOC - 45	PAOC - 1	PAOC - 1	PAOC - 1
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7	-	-	-	-	-	-
Acetophenone	5	2	-	-	-	-	-	-
Antimony	450	31	18.4	27.9	32.9	6.7	15.1	
Arsenic	19	19	45.2	72.3	133	65.9	124	
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	437	641	-	-	-	-
Manganese	5900	11000	144	195	537	99.9	172	

Notes:

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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5046	S5046	S5046	S5411	S5491
			Field Sample ID	S5046B2	S5046C3	S5046D3	S5411A4	S5491A4
			Sample Date	08/17/2016	08/17/2016	08/17/2016	11/21/2016	05/31/2017
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	2.5 - 3	5 - 5.5	7 - 7.5	1.5 - 2	1.5 - 2
			Associated AOC	AOC - 45	AOC - 45	AOC - 45	PAOC - 1	PAOC - 1
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7	-	-	-	-	-	-
Acetophenone	5	2	-	-	-	-	-	-
Antimony	450	31	19.7	5.98	3.83 J	-	-	-
Arsenic	19	19	86.4	30.5	33.2 J	-	62.9	-
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	254	121	681 J	1430 J	679	-
Manganese	5900	11000	137	20	80.8 J	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5491	S5491	S5491	S5782	S5782
			Field Sample ID	S5491G4	S5491H4	S5491I2	S5782A4	S5782B1
			Sample Date	05/31/2017	05/31/2017	05/31/2017	09/05/2018	09/05/2018
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	13.5 - 14	15.5 - 16	16.5 - 17	1.5 - 2	2 - 2.5
			Associated AOC	PAOC - 1	PAOC - 1	PAOC - 1	AOC - 45	AOC - 45
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7	-	-	-	-	-	-
Acetophenone	5	2	-	-	-	-	-	-
Antimony	450	31	-	-	-	8.19 U	12 J	
Arsenic	19	19	-	89.9	20.2	182	74.5	
Benzo(a)anthracene	2	0.6	-	-	-	-	-	
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	
Lead	800	400	998	2610	37.5	464	304	
Manganese	5900	11000	-	-	-	295	64.4	

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-23

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5782	S5782	S5783	S5783	S5783
			Field Sample ID	S5782D2	S5782E1	S5783B1	S5783B2	S5783C1
			Sample Date	09/05/2018	09/05/2018	09/05/2018	09/05/2018	09/05/2018
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	6.5 - 7	8 - 8.5	2 - 2.5	2.5 - 3	4 - 4.5
			Associated AOC	AOC - 45	AOC - 45	PAOC - 1	PAOC - 1	PAOC - 1
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7	-	-	-	-	-	-
Acetophenone	5	2	-	-	-	-	-	-
Antimony	450	31	18	11.4 U	3.2 J	36.2	9.77	
Arsenic	19	19	105	83.9	23	64.4	125	
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	490	280	133	635	218	
Manganese	5900	11000	92.5	300	149	138	72.2	

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-23

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5784	S5784	S5784	S5784	S5784
			Field Sample ID	D09061815	S5784B1	S5784B3	S5784C4	S5784F2
			Sample Date	09/06/2018	09/06/2018	09/06/2018	09/06/2018	09/06/2018
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	3 - 3.5	2 - 2.5	3 - 3.5	5.5 - 6	10.5 - 11
			Associated AOC	PAOC - 1				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7	-	-	-	-	-	-
Acetophenone	5	2	-	-	-	-	-	-
Antimony	450	31	60.4 J	4.39 J	17.3 J	2.85 J	5.69 J	
Arsenic	19	19	68.5	94.8	68	32.2	14	
Benzo(a)anthracene	2	0.6	-	-	-	-	-	
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	
Lead	800	400	775 J	63.5	453 J	70.5	1010	
Manganese	5900	11000	115	78.9	119 J	41.3	127	

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5853	S5853	S5868	S5877	S5878
			Field Sample ID	D03201911	S5853A4	S5868A4	S5877A4	S5878A3
			Sample Date	03/20/2019	03/20/2019	03/22/2019	04/12/2019	04/12/2019
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1 - 1.5
			Associated AOC	AOC - 45				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7	-	-	-	-	-	-
Acetophenone	5	2	-	-	-	-	-	-
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	37	37.9 J	28 J	39.6	48	
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	-	-	-	-	-	-
Manganese	5900	11000	-	-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5908	S5909	S5922	S5923	S5934
			Field Sample ID	S5908A4	S5909A1	S5922A3	S5923A3	S5934A4
			Sample Date	05/22/2019	05/22/2019	06/11/2019	06/11/2019	07/17/2019
			Mean Surface Elevation (feet)	9.47	9.47	9.47	9.47	9.47
			Sample Depth (feet)	1.5 - 2	0 - 0.5	1 - 1.5	1 - 1.5	1.5 - 2
			Associated AOC	AOC - 45	AOC - 45	AOC - 45	PAOC - 1	PAOC - 1
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
2,4-Dinitrotoluene	3	0.7	-	-	-	-	-	-
Acetophenone	5	2	-	-	-	-	-	-
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	97.6	46.4	64.7	56.1 J	70.5	
Benzo(a)anthracene	2	0.6	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Benzo(b)fluoranthene	2	0.6	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	2	0.6	-	-	-	-	-	-
Lead	800	400	-	-	-	-	-	-
Manganese	5900	11000	-	-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S0495	S3150	S3150	S3182	S3250
			Field Sample ID	S0495B1	S3150D4	S3150E3	S3182A4	S3250A4
			Sample Date	09/10/1999	03/13/2013	03/13/2013	02/14/2013	02/27/2013
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	2 - 2.5	7.5 - 8	9 - 9.5	1.5 - 2	1.5 - 2
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31		11.8	3.89 J	2.53	-	-
Arsenic	19	19		29.2	56.2 J	56.2	173 J	21.2 J
Benzene	5	2		0.78 U	5.3 J	1.2 J	-	-
Benzo(a)pyrene	0.2	0.2		1.2 U	1.6	1.2	-	-
Dibenz(a,h)anthracene	0.2	0.2		1.2 U	0.24	0.36 J	-	-
Lead	800	400		239	875 J	229	-	-

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4183	S4183	S4184	S4192	S4201
			Field Sample ID	S4183B3	S4183H2	S4184B2	S4192B4	S4201D2
			Sample Date	10/21/2014	10/21/2014	10/24/2014	10/21/2014	06/30/2014
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	3 - 3.5	14.5 - 15	2.5 - 3	3.5 - 4	6.5 - 7
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31		41.0 J	1.09 J	289	565	16.4
Arsenic	19	19		127	27.0 J	452	933	101
Benzene	5	2		0.10 J	-	0.087 J	0.035 UJ	1.6
Benzo(a)pyrene	0.2	0.2		0.30 J	0.048 U	0.43	0.28	0.72
Dibenz(a,h)anthracene	0.2	0.2		0.067 J	0.048 U	0.12 J	0.042 J	0.11 J
Lead	800	400		877 J	11.3 J	10100	16500	1200

Notes:

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3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4201	S4209	S4209	S4214	S4214
			Field Sample ID	S4201H2	S4209B3	S4209G4	D10301413	S4214D4
			Sample Date	06/30/2014	06/30/2014	06/30/2014	10/30/2014	10/30/2014
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	14.5 - 15	3 - 3.5	13.5 - 14	7.5 - 8	7.5 - 8
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31		2.13 J	5.07	0.976 UJ	18.3 J	5.27 J
Arsenic	19	19		28.2 J	38.7	73.6 J	77.8	69.4
Benzene	5	2		0.001 UJ	1.3 J	0.002 UJ	0.11 J	0.080 J
Benzo(a)pyrene	0.2	0.2		0.019 J	16	0.032 J	1.3 J	0.68 J
Dibenz(a,h)anthracene	0.2	0.2		0.008 U	2.5	0.010 U	0.26	0.17
Lead	800	400		55.0 J	134	36.1 J	496	321

Notes:

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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4775	S4775	S4775	S4777	S4777
			Field Sample ID	S4775B3	S4775C1	S4775D4	S4777B3	S4777F4
			Sample Date	06/25/2015	06/25/2015	06/25/2015	08/07/2015	08/07/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	3 - 3.5	4 - 4.5	7.5 - 8	3 - 3.5	11.5 - 12
			Associated AOC	AOC - 46				
				Report Result				
Antimony	450	31		32.2	-	6.36	-	6.00
Arsenic	19	19		518	-	93.2	-	93.0
Benzene	5	2		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Lead	800	400		264	1200	709	2780	542

Notes:

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3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4801	S4803	S4803	S4803	S4803
			Field Sample ID	S4801A3	S4803A2	S4803B1	S4803B3	S4803C4
			Sample Date	06/04/2015	06/05/2015	06/05/2015	06/05/2015	06/05/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	1 - 1.5	0.5 - 1	2 - 2.5	3 - 3.5	5.5 - 6
			Associated AOC	AOC - 46	AOC - 46	AOC - 46	AOC - 46	AOC - 46
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	-	-	-	-	-	-
Benzene	5	2	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	0.52	2.6 J+	0.48 J+	
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Lead	800	400	842	2290	193	-	1160 J	

Notes:

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3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4803	S4804	S4804	S4804	S4804
			Field Sample ID	S4803D4	S4804A4	S4804B3	S4804D1	S4804E1
			Sample Date	06/05/2015	06/05/2015	06/05/2015	06/05/2015	06/05/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	7.5 - 8	1.5 - 2	3 - 3.5	6 - 6.5	8 - 8.5
			Associated AOC	AOC - 46	AOC - 46	AOC - 46	AOC - 46	AOC - 46
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	-	-	-	-	-	-
Benzene	5	2	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	0.27 J+	0.64 J+	0.35	
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Lead	800	400	2070	895	289	1270	39300	

Notes:

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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4805	S4805	S4806	S4807	S4807
			Field Sample ID	S4805C3	S4805D3	S4806B1	S4807A1	S4807C2
			Sample Date	06/11/2015	06/11/2015	06/11/2015	06/25/2015	06/25/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	5 - 5.5	7 - 7.5	2 - 2.5	0 - 0.5	4.5 - 5
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	-	-	-	-	-	-
Benzene	5	2	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	0.40
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Lead	800	400	1020	3540	1700	2080	2080	-

Notes:

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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4807	S4840	S4840R1	S4840R1	S4841
			Field Sample ID	S4807D3	S4840B2	S4840R1B2	S4840R1D2	S4841B1
			Sample Date	06/25/2015	07/15/2015	07/28/2017	07/28/2017	07/15/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	7 - 7.5	2.5 - 3	2.5 - 3	6.5 - 7	2 - 2.5
			Associated AOC	AOC - 46				
				Report Result				
Antimony	450	31		-	-	-	-	-
Arsenic	19	19		-	-	84.6	-	-
Benzene	5	2		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		2.2	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Lead	800	400		378	1510	-	831	6510

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4841R1	S4982	S4983	S4984	S4984R1
			Field Sample ID	S4841R1B2	S4982A4	S4983C3	D0630179	S4984R1B2
			Sample Date	07/26/2017	08/25/2015	08/25/2015	06/30/2017	06/30/2017
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	2.5 - 3	1.5 - 2	5 - 5.5	10.5 - 11	2.5 - 3
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	93.2	-	-	-	-	141
Benzene	5	2	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Lead	800	400	-	869	907	1410 J	-	-

Notes:

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3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4989	S4989	S4989R1	S4990	S5019
			Field Sample ID	D0901159	S4989C1	S4989R1F2	S4990D2	D11171515
			Sample Date	09/01/2015	09/01/2015	07/26/2017	09/01/2015	11/17/2015
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	4 - 4.5	4 - 4.5	10.5 - 11	6.5 - 7	5 - 5.5
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	7.26
Arsenic	19	19	-	-	-	-	-	60.8
Benzene	5	2	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Lead	800	400	1610	1520	1320	1260	639	

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5019	S5019	S5019	S5042	S5042
			Field Sample ID	S5019B2	S5019C3	S5019E1	S5042B2	S5042D2
			Sample Date	11/17/2015	11/17/2015	11/17/2015	03/16/2016	03/16/2016
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	2.5 - 3	5 - 5.5	8 - 8.5	2.5 - 3	6.5 - 7
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31		37.6 J	6.85	102 J	55.2	4.06
Arsenic	19	19		261	101	443 J	412	31.7
Benzene	5	2		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Lead	800	400		1240	350	881 J	-	-

Notes:

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2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5042	S5043	S5043	S5043	S5043
			Field Sample ID	S5042D3	D03181615	S5043C2	S5043D2	S5043E3
			Sample Date	03/16/2016	03/18/2016	03/18/2016	03/18/2016	03/18/2016
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	7 - 7.5	9 - 9.5	4.5 - 5	6.5 - 7	9 - 9.5
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31		6.23	6.82 J	39.8	51.9	4.44 J
Arsenic	19	19		22.7	51 J	190	148	21.9 J
Benzene	5	2		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Lead	800	400		-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5445	S5445	S5445	S5445	S5446
			Field Sample ID	S5445A1	S5445B1	S5445D2	S5445E1	S5446C3
			Sample Date	04/24/2017	04/24/2017	04/24/2017	04/24/2017	04/24/2017
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	0 - 0.5	2 - 2.5	6.5 - 7	8 - 8.5	5 - 5.5
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	24.7	-	168	37.3	-	-
Benzene	5	2	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Lead	800	400	-	1910	1070	1150	1430	

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5446	S5446	S5446	S5447	S5447
			Field Sample ID	S5446C4	S5446D1	S5446E1	S5447A4	S5447B1
			Sample Date	04/24/2017	04/24/2017	04/24/2017	04/25/2017	04/25/2017
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	5.5 - 6	6 - 6.5	8 - 8.5	1.5 - 2	2 - 2.5
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	-	53.4	23.9	225	-	-
Benzene	5	2	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Lead	800	400	2090	-	68.3	3280	2260 J	

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5447	S5447	S5448	S5448	S5448
			Field Sample ID	S5447B3	S5447C3	S5448A3	S5448B1	S5448D1
			Sample Date	04/25/2017	04/25/2017	04/25/2017	04/25/2017	04/25/2017
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	3 - 3.5	5 - 5.5	1 - 1.5	2 - 2.5	6 - 6.5
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	254	9.23	23 J	80.9		-
Benzene	5	2	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Lead	800	400	177000	2820	-	319 J	4100	

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5450	S5450	S5450R1	S5451	S5451
			Field Sample ID	S5450D1	S5450D4	S5450R1F3	S5451B3	S5451C3
			Sample Date	04/26/2017	04/26/2017	07/26/2017	04/26/2017	04/26/2017
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	6 - 6.5	7.5 - 8	11 - 11.5	3 - 3.5	5 - 5.5
			Associated AOC	AOC - 46				
				Report Result				
Antimony	450	31		-	-	-	-	-
Arsenic	19	19		220	33.9	-	-	-
Benzene	5	2		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Lead	800	400		-	533	28900	815	1190

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5451	S5451	S5451R2	S5451R2	S5452
			Field Sample ID	S5451E1	S5451E4	S5451R2E1	S5451R2E4	D0427179
			Sample Date	04/26/2017	04/26/2017	03/30/2018	03/30/2018	04/27/2017
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	8 - 8.5	9.5 - 10	8 - 8.5	9.5 - 10	2 - 2.5
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	428	8540 J	69	38.3	73.4	
Benzene	5	2	-	-	-	-	-	
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	
Lead	800	400	1600	400 J	-	-	-	402

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5452	S5454	S5454	S5454	S5476
			Field Sample ID	S5452E1	S5454A3	S5454B2	S5454E2	S5476D3
			Sample Date	04/27/2017	05/02/2017	05/02/2017	05/02/2017	05/02/2017
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	8 - 8.5	1 - 1.5	2.5 - 3	8.5 - 9	7 - 7.5
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	117	33	282	63.5 J	29.7	
Benzene	5	2	-	-	-	-	-	
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	
Lead	800	400	-	-	-	-	-	523

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5476	S5490	S5490	S5492	S5492
			Field Sample ID	S5476E2	S5490B3	S5490F2	S5492A4	S5492B1
			Sample Date	05/02/2017	05/30/2017	05/30/2017	06/01/2017	06/01/2017
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	8.5 - 9	3 - 3.5	10.5 - 11	1.5 - 2	2 - 2.5
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	209	38.2	-	95.9	598	
Benzene	5	2	-	-	-	-	-	
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	
Lead	800	400	-	456	1830 J	770	-	

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5493	S5493	S5493	S5493	S5494
			Field Sample ID	S5493B2	S5493C4	S5493D2	S5493D3	D0602179
			Sample Date	06/01/2017	06/01/2017	06/01/2017	06/01/2017	06/02/2017
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	2.5 - 3	5.5 - 6	6.5 - 7	7 - 7.5	1.5 - 2
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	447 J	-	-	58.7 J	40.8 J	
Benzene	5	2	-	-	-	-	-	
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	
Lead	800	400	414	977	1200	224 J	337	

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5494	S5494	S5494	S5497	S5497
			Field Sample ID	S5494A4	S5494B4	S5494E2	S5497A4	S5497B1
			Sample Date	06/02/2017	06/02/2017	06/02/2017	06/29/2017	06/29/2017
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	1.5 - 2	3.5 - 4	8.5 - 9	1.5 - 2	2 - 2.5
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	65.1 J	93.9	22.1 J	81.7	405	
Benzene	5	2	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Lead	800	400	349	-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5497	S5498	S5498	S5498	S5499
			Field Sample ID	S5497B2	S5498A3	S5498B3	S5498C3	S5499A4
			Sample Date	06/29/2017	06/29/2017	06/29/2017	06/29/2017	06/30/2017
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	2.5 - 3	1 - 1.5	3 - 3.5	5 - 5.5	1.5 - 2
			Associated AOC	AOC - 46				
				Report Result				
Antimony	450	31		-	-	-	-	-
Arsenic	19	19		-	34.3	-	-	135
Benzene	5	2		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Lead	800	400		4050	-	1190	1980	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5499	S5500	S5500	S5500	S5502
			Field Sample ID	S5499C1	S5500A4	S5500B1	S5500C4	S5502A4
			Sample Date	06/30/2017	06/30/2017	06/30/2017	06/30/2017	07/27/2017
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	4 - 4.5	1.5 - 2	2 - 2.5	5.5 - 6	1.5 - 2
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	-
Arsenic	19	19	12.7	60	105	-	-	23.6
Benzene	5	2	-	-	-	-	-	-
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	-
Lead	800	400	1550	-	431	931	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5502	S5503	S5503	S5504	S5539
			Field Sample ID	S5502B2	S5503A4	S5503D1	S5504A4	S5539B2
			Sample Date	07/27/2017	07/27/2017	07/27/2017	07/27/2017	09/19/2017
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	2.5 - 3	1.5 - 2	6 - 6.5	1.5 - 2	2.5 - 3
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31	-	-	-	-	-	2.34
Arsenic	19	19	-	265	-	113	25	
Benzene	5	2	-	-	-	-	-	
Benzo(a)pyrene	0.2	0.2	-	-	-	-	-	
Dibenz(a,h)anthracene	0.2	0.2	-	-	-	-	-	
Lead	800	400	1160 J	443	3380	833	744	

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5539	S5539	S5766	S5766	S5800
			Field Sample ID	S5539C3	S5539D2	S5766A1	S5766B2	S5800A2
			Sample Date	09/19/2017	09/19/2017	07/31/2018	07/31/2018	08/30/2018
			Mean Surface Elevation (feet)	11.00	11.00	11.00	11.00	11.00
			Sample Depth (feet)	5 - 5.5	6.5 - 7	0 - 0.5	2.5 - 3	0.5 - 1
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Antimony	450	31		7.61 J	5.21 UJ	-	-	-
Arsenic	19	19		25	46.8	-	-	-
Benzene	5	2		-	-	-	-	-
Benzo(a)pyrene	0.2	0.2		-	-	-	-	-
Dibenz(a,h)anthracene	0.2	0.2		-	-	-	-	-
Lead	800	400		711	151	2820	14800	1910

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5800
			Field Sample ID	S5800B1
			Sample Date	08/30/2018
			Mean Surface Elevation (feet)	11.00
			Sample Depth (feet)	2 - 2.5
			Associated AOC	AOC - 46
			Report Result	
Antimony	450	31		-
Arsenic	19	19		-
Benzene	5	2		-
Benzo(a)pyrene	0.2	0.2		-
Dibenz(a,h)anthracene	0.2	0.2		-
Lead	800	400		945

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4773	S4774	S4778	S4779	S4779
			Field Sample ID	S4773G1	S4774F4	S4778D4	S4779B1	S4779C4
			Sample Date	06/15/2015	06/17/2015	06/17/2015	06/19/2015	06/19/2015
			Mean Surface Elevation (feet)	10.00	10.00	10.00	10.00	10.00
			Sample Depth (feet)	12 - 12.5	11.5 - 12	7.5 - 8	2 - 2.5	5.5 - 6
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		634	350 J	677	704	38.9
Lead	800	400		295	132 J	539	1280	605

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S4781	S4782	S4783	S4783	S5020
			Field Sample ID	S4781D4	S4782F4	S4783B1	S4783F4	S5020A4
			Sample Date	06/16/2015	06/16/2015	08/19/2015	08/19/2015	11/13/2015
			Mean Surface Elevation (feet)	10.00	10.00	10.00	10.00	10.00
			Sample Depth (feet)	7.5 - 8	11.5 - 12	2 - 2.5	11.5 - 12	1.5 - 2
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		151	2550	160	307 J	160
Lead	800	400		2750	360	527	794 J	332

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5020	S5020	S5021	S5021	S5021
			Field Sample ID	S5020B1	S5020C4	S5021B1	S5021C3	S5021E3
			Sample Date	11/13/2015	11/13/2015	11/17/2015	11/17/2015	11/17/2015
			Mean Surface Elevation (feet)	10.00	10.00	10.00	10.00	10.00
			Sample Depth (feet)	2 - 2.5	6.5 - 7	2 - 2.5	5 - 5.5	9 - 9.5
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		340	129	82.6	38.7	825
Lead	800	400		698	1060	213	342	524

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

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Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5022	S5022	S5022	S5540	S5540
			Field Sample ID	S5022B1	S5022B4	S5022C3	S5540A2	S5540A3
			Sample Date	11/16/2015	11/16/2015	11/16/2015	09/19/2017	09/19/2017
			Mean Surface Elevation (feet)	10.00	10.00	10.00	10.00	10.00
			Sample Depth (feet)	2 - 2.5	3.5 - 4	5 - 5.5	0.5 - 1	1 - 1.5
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		29.7	296	34.2	95.6	182
Lead	800	400		458	1510	2430	547	1380

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-25

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5540	S5837	S5838	S5839	S5840
			Field Sample ID	S5540D2	S5837A4	S5838A3	S5839A4	S5840A3
			Sample Date	09/19/2017	03/18/2019	03/18/2019	03/18/2019	03/18/2019
			Mean Surface Elevation (feet)	10.00	10.00	10.00	10.00	10.00
			Sample Depth (feet)	6.5 - 7	1.5 - 2	1 - 1.5	1.5 - 2	1 - 1.5
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		124 J	416	216	308	126
Lead	800	400		3290 J	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-25

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5904	S5905	S5905	S5906	S5907
			Field Sample ID	S5904A2	D05211911	S5905A2	S5906A1	S5907A2
			Sample Date	05/21/2019	05/21/2019	05/21/2019	05/21/2019	05/22/2019
			Mean Surface Elevation (feet)	10.00	10.00	10.00	10.00	10.00
			Sample Depth (feet)	0.5 - 1	0.5 - 1	0.5 - 1	0 - 0.5	0.5 - 1
			Associated AOC	AOC - 46				
			Report Result	Report Result	Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		108	386	396	231	96.4
Lead	800	400		-	-	-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Chevron Perth Amboy
East Yard - Deed Notice
Restricted Area - RA-25

Parameter Name	NJ NRDCSRS (mg/Kg)	NJ RDCSRS (mg/Kg)	Location ID	S5910	S5924	S5924
			Field Sample ID	S5910A2	D06112019	S5924A4
			Sample Date	05/22/2019	06/11/2019	06/11/2019
			Mean Surface Elevation (feet)	10.00	10.00	10.00
			Sample Depth (feet)	0.5 - 1	1.5 - 2	1.5 - 2
			Associated AOC	AOC - 46	AOC - 46	AOC - 46
			Report Result	Report Result	Report Result	Report Result
Arsenic	19	19		1340	402 J	680 J
Lead	800	400		-	-	-

Notes:

1. NRDCSRS - Non-Residential Soil Remediation Standard
2. RDCSRS - Residential Soil Remediation Standard
3. Bold, Shaded and Brackets Indicates Exceedance to Criteria
3. NA - No Criterion Available for the Analyte

Exhibit C

Narrative Description of Institutional and Engineering Controls

Exhibit C-1: Narrative Description of Institutional Controls – Deed Notice

Exhibit C-2: Narrative Description of Engineering Controls – Fencing

Exhibit C-3: Narrative Description of Engineering Controls – Physical Barriers

Exhibit C-4: Narrative Description of Engineering Controls – Signage

Exhibit C-1: Narrative Description of Institutional Controls – Deed Notice

Exhibit C-1

Narrative Description of Institutional Control – Deed Notice

This Deed Notice (DN) is an institutional control for the Property. This DN sets forth the location of the impacted soils which exceed NJDEP Direct Contact Soil Remediation Standard (SRS).

The Engineering Controls are described in detail in C-2.

The engineering controls (capping contaminant of concern concentrations exceeding NJDEP non-residential soil remediation standard) includes physical barriers, fencing and signage. Restricted areas are shown in Exhibit B-1.1 through Exhibit B-1.25, along with specific contaminant concentrations for samples obtained from these areas.

The Responsible Party will conduct monitoring for compliance and effectiveness of the institutional and engineering controls specified in this document and will submit a certification to the Department once every two years from the date of the Response Action Outcome letter in writing that the institutional and engineering control is being properly maintained and continues to be protective of public health and safety and the environment. The current and subsequent owners and lessees will be advised of the conditions and provided copies of the Deed Notice.

(A) Description and estimated size of the Restricted Area as described above:

The Restricted Areas depicted in Exhibit B-1.1 through Exhibit B-1.25 encompasses the total areas described below:

Restricted Area ID	Exhibit	Size (sq ft)	Size (acres)	Description
RA-1	B1.1	84,418	1.89	Encompasses portions of AOC 37, 27 PAOC 72, and TB 777 and 778
RA-2	B1.2	29,424	0.68	Encompasses portions of PAOC 70 and TB 774
RA-3	B1.3	55,026	1.26	Encompasses portions of AOC 35 and PAOC 64
RA-4	B1.4	106,308	2.44	Encompasses portions of SWMU 8, 3, 36, 45 and AOC 13
RA-5	B1.5	86,851	1.99	Encompasses portions of AOC 31, 6C, TB 773 and PAOC 69
RA-6	B1.6	38,088	0.87	Encompasses portions of SWMU 10
RA-7	B1.7	18,868	0.43	Encompasses portions of PAOC 66 and TB 768
RA-8	B1.8	93,516	2.15	Encompasses portions of PAOC 67, 68, 62 and TB 769, 770

Restricted Area ID	Exhibit	Size (sq ft)	Size (acres)	Description
RA-9	B1.9	30,983	0.71	Encompasses portions of SWMU 42 and PAOC 65
RA-10	B1.10	86,416	1.98	Encompasses portions of PAOC 55, 20 and TB 750
RA-11	B1.11	137,005	3.15	Encompasses portions of PAOC 56, 57 and TB 751, 752
RA-12	B1.12	93,440	2.15	Encompasses portions of PAOC 47, 48, 49, 50, 91 and TB 700, 701, 702, 703
RA-13	B1.13	114,664	2.63	Encompasses portions of PAOC 52, 85, TB 731 and AOC 28
RA-14	B1.14	76,971	1.77	Encompasses portions of PAOC 51, 85 and AOC 28
RA-15	B1.15	73,349	1.68	Encompasses portions of AOC 38, 39 and PAOC 91
RA-16	B1.16	29,704	0.68	Encompasses portions of the southwest corner of AOC 38, PAOC 58, SWMU 9 and TB 753
RA-17	B1.17	137,081	3.15	Encompasses portions of PAOC 59, 63, 13, AOC 38, 26 and TB 755, 756, 765
RA-18	B1.18	11,261	0.26	Encompasses portions of PAOC 62 and TB 760
RA-19	B1.19	114,328	2.62	Encompasses portions of PAOC 14, 15, AOC 14, 26 and SWMU 26
RA-20	B1.20	137,957	3.17	Encompasses portions of PAOC 13, 60, 61 and TB 757, 758, 759
RA-21	B1.21	34,630	0.80	Encompasses portions of AOC 6B and PAOC 14
RA-22	B1.22	53,986	1.24	Encompasses portions of AOC 29
RA-23	B1.23	102,302	2.35	Encompasses portions of PAOC 1, 71 and AOC 45
RA-24	B1.24	99,533	2.28	Encompasses portions of AOC 46
RA-25	B1.25	53,380	1.23	Encompasses the area directly south of AOC 46 along the southern property boundary

(A) Description of the restrictions on the Property by operation of this Deed Notice; and the restriction of the Property by operation of this Deed Notice include the following:

- a. Any penetrations into the capped area in the restricted areas
- b. No excavations or removal of surface/subsurface soils from this area of the Property unless specifically approved by the Department and conducted through the LSRP oversight program.

(B) Engineering Controls and Maintenance/Repair Schedule

a. Control Descriptions

See Attached Exhibit C-2, C-3 and C-4

b. Maintenance/Repair Schedule

Annual monitoring and maintenance will be implemented to ensure the integrity of the engineering controls in the restricted areas. The monitoring schedule will be implemented as part of the routine maintenance of the Property. The restricted areas will be inspected for signs of soil/vegetation disturbances. Necessary repairs will be implemented within fifteen (15) days, weather permitting. The Responsible Party will document in a logbook the results of all inspections and maintenance and any disturbances of the controls. The logbook will be available on the Property to the NJDEP upon request.

c. Control Disturbance

If the engineering controls are disturbed as a result of utility installation/repair, site improvement or other below grade work that may be necessary, the engineering controls will be restored according to the following procedure:

1. Underlying contaminated historic fill material containing soils will be removed, as necessary, and staged separately on top of plastic; if work cannot be completed in the same day, the fill pile will be covered with plastic to limit contact with the elements.
2. Dust control measures will be implemented in the work area by wetting the soil as necessary.
3. Upon completion of work, the cap will be restored by returning the staged contaminated soil to the excavation, compacting and covering the fill as appropriate.

If the generation of surplus contaminated soil cannot be avoided, this material shall be staged as described in item 3 above and disposed of off-site in accordance with applicable NJDEP protocols.

d. **Biennial Certification/Reporting**

Pursuant to NJSA 58:10B-13.1, monitoring for compliance and effectiveness of the institutional and engineering control(s) shall be conducted and presented in a NJDEP Remedial Action Protectiveiveness/Biennial Certification Form – Soil and submitted to the New Jersey Department of Environmental Protection. The certification shall document and reaffirm that:

1. The engineering and institutional controls are being properly maintained and continue to be protective of public health and safety and of the environment.
2. The land use is consistent with the restrictions of this Deed Notice.

Exhibit C-2: Narrative Description of Engineering Controls – Fencing

Exhibit C-2

Engineering Controls - Fencing

Engineering controls restricting contact with impacted soil include a fence around the East Yard perimeter. Overall, the site is a restricted facility which maintains 24-hour security and prohibits unauthorized entry from the public or other untrained individuals.

- **Restricted Area 1,**
 - ❖ Encompasses portions of Area of Concern (AOC) 37, 27 Potential Area of Concern (PAOC) 72, and Tank Basin (TB) 777 and 778 as shown on Exhibit B1.1. Restricted Area 1 is within the fenced portion of the East Yard. The existing fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 10.5 feet below grade.
- **Restricted Area 2,**
 - ❖ Encompasses portions of PAOC 70 and TB 774 as shown in Exhibit B1.2. Restricted Area 2 is within the fenced portion of the East Yard. The existing fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 6.5 feet below grade.
- **Restricted Area 3,**
 - ❖ Encompasses portions of AOC 35 and PAOC 64 as shown in Exhibit B1.3. Restricted Area 3 is within the fenced portion of the East Yard. The existing fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 6.5 feet below grade.
- **Restricted Area 4,**
 - ❖ Encompasses portions of Solid Waste Management Unit (SWMU) 8, 3, 36, 45 and AOC 13 as shown in Exhibit B1.4. Restricted Area 4 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from approximately 3.5 to 13.5 feet below grade.
- **Restricted Area 5,**
 - ❖ Encompasses portions of AOC 31, 6C, TB 773 and PAOC 69 as shown in Exhibit B1.5. Restricted Area 5 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 13 feet below grade.
- **Restricted Area 6,**
 - ❖ Encompasses portions of SWMU 10 as shown in Exhibit B1.6. Restricted Area 6 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from approximately 1.5 to 13 feet below grade.

- **Restricted Area 7,**
 - ❖ Encompasses portions of PAOC 66 and TB 768 as shown in Exhibit B1.7. Restricted Area 7 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from approximately 1 to 1.5 feet below grade.
- **Restricted Area 8,**
 - ❖ Encompasses portions of PAOC 67, 68, 62 and TB 769, 770 as shown in Exhibit B1.8. Restricted Area 8 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 14.5 feet below grade.
- **Restricted Area 9,**
 - ❖ Encompasses portions of SWMU 42 and PAOC 65 as shown in Exhibit B1.9. Restricted Area 9 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from 1.5 to approximately 15 feet below grade.
- **Restricted Area 10,**
 - ❖ Encompasses portions of PAOC 55, 20 and TB 750 as shown in Exhibit B1.10. Restricted Area 10 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 15 feet below grade.
- **Restricted Area 11,**
 - ❖ Encompasses portions of PAOC 56, 57 and TB 751, 752 as shown in Exhibit B1.11. Restricted Area 11 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 9 feet below grade.
- **Restricted Area 12,**
 - ❖ Encompasses portions of PAOC 47, 48, 49, 50, 91 and TB 700, 701, 702, 703 as shown in Exhibit B1.12. Restricted Area 12 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 13 feet below grade.
- **Restricted Area 13,**
 - ❖ Encompasses portions of PAOC 52, 85, TB 731 and AOC 28 as shown in Exhibit B1.13. Restricted Area 13 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from 1 to approximately 15 feet below grade.

- **Restricted Area 14,**
 - ❖ Encompasses portions of PAOC 51, 85 and AOC 28 as shown in Exhibit B1.14. Restricted Area 14 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 7 feet below grade.
- **Restricted Area 15,**
 - ❖ Encompasses portions of AOC 38, 39 and PAOC 91 as shown in Exhibit B1.15. Restricted Area 15 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 2.5 feet below grade.
- **Restricted Area 16,**
 - ❖ Encompasses portions of the southwest corner of AOC 38, PAOC 58, SWMU 9 and TB 753 as shown in Exhibit B1.16. Restricted Area 16 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 3 feet below grade.
- **Restricted Area 17,**
 - ❖ Encompasses portions of PAOC 59, 63, 13, AOC 38, 26 and TB 755, 756, 765 as shown in Exhibit B1.17. Restricted Area 17 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 6.5 feet below grade.
- **Restricted Area 18,**
 - ❖ Encompasses portions of PAOC 62 and TB 760 as shown in Exhibit B1.18. Restricted Area 18 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from 1 to approximately 2.5 feet below grade.
- **Restricted Area 19,**
 - ❖ Encompasses portions of PAOC 14, 15, AOC 14, 26 and SWMU 26 as shown in Exhibit B1.19. Restricted Area 19 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 20 feet below grade.
- **Restricted Area 20,**
 - ❖ Encompasses portions of PAOC 13, 60, 61 and TB 757, 758, 759 as shown in Exhibit B1.20. Restricted Area 20 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 20 feet below grade.

- **Restricted Area 21,**
 - ❖ Encompasses portions of AOC 6B and PAOC 14 as shown in Exhibit B1.21. Restricted Area 21 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from 1 to approximately 22 feet below grade.
- **Restricted Area 22,**
 - ❖ Encompasses portions of AOC 29 as shown in Exhibit B1.22. Restricted Area 22 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 8.5 feet below grade.
- **Restricted Area 23,**
 - ❖ Encompasses portions of PAOC 1, 71 and AOC 45 as shown in Exhibit B1.23. Restricted Area 23 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 16 feet below grade.
- **Restricted Area 24,**
 - ❖ Encompasses portions of AOC 46 as shown in Exhibit B1.24. Restricted Area 24 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 15 feet below grade.
- **Restricted Area 25,**
 - ❖ Encompasses the area directly south of AOC 46 along the southern property boundary as shown in Exhibit B1.25. Restricted Area 25 is within the fenced portion of the East Yard. The fencing will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 12.5 feet below grade.

Exhibit C-3: Narrative Description of Engineering Controls – Physical Barriers

Exhibit C-3

Engineering Controls – Physical Barriers

Engineering controls restricting contact with impacted soil include a variety of cover types. Each Restricted Area has a combination of low permeability and permeable surfaces:

- **Restricted Area 1,**
 - ❖ impacted soil is partially covered with low permeability pavement in a portion of AOC 37, 27, PAOC 72, as well as the concrete foundations from TB 777 and 778. The remainder of Restricted Area 1 is covered with permeable rip rap, tank berms, or soil. The low permeability paved areas, tank berms, and rip rap cover will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 10.5 feet below grade.
- **Restricted Area 2,**
 - ❖ impacted soil is partially covered with low permeability pavement in a portion of PAOC 70, as well as the concrete foundations from TB 774. The remainder of Restricted Area 2 is covered with permeable rip rap, vegetation, or soil. The low permeability pavement, rip rap, and soil will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 6.5 feet below grade.
- **Restricted Area 3,**
 - ❖ contains low permeability pavement such as portions of AOC 35, PAOC 64. The remainder of Restricted Area 3 is covered with permeable rip rap and soil. The low permeability pavement, rip rap and vegetation will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 6.5 feet below grade.
- **Restricted Area 4,**
 - ❖ is covered by low permeability pavement of portions of SWMU 8, 3, 36, 45, AOC 13. The remainder of Restricted Area 4 is covered with permeable rip rap, soil and vegetation which will effectively isolate the impacted soil from contact with people. Impacted soil extends from approximately 3.5 to 13.5 feet below grade.
- **Restricted Area 5,**
 - ❖ impacted soil is partially covered with low permeability pavement in a portion of AOC 31, 6C, PAOC 69 and TB 773. The remainder of Restricted Area 5 is covered with permeable rip rap, tank berms, pipeways and soil. The pavement, tanks and associated pipes and structures will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 13 feet below grade.

- **Restricted Area 6,**
 - ❖ Encompasses portions of SWMU 10 and is partially covered with low permeability pavement. The remainder of Restricted Area 6 is covered with permeable rip rap or soil. The low permeability cover will effectively isolate the impacted soil from contact with people. Impacted soil extends from approximately 1.5 to 13 feet below grade.
- **Restricted Area 7,**
 - ❖ Encompasses portions of PAOC 66 and TB 768 and is covered by tanks, tank berms, pipeway and pipeway footings. The remainder of Restricted Area 7 is covered with permeable rip rap or soil. The pavement, tanks and associated pipes and structures will effectively isolate the impacted soil from contact with people. Impacted soil extends from approximately 1 to 1.5 feet below grade.
- **Restricted Area 8,**
 - ❖ Encompasses portions of PAOC 67, 68, 62 and TB 769 and 770 and is covered by low permeability pavement, pipeways and associated footings. The remainder of Restricted Area 8 is covered with permeable rip rap or soil. The pavement, tanks and associated pipes and structures will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 14.5 feet below grade.
- **Restricted Area 9,**
 - ❖ encompasses portions of SWMU 42 and PAOC 65 and is partially covered with low permeability pavement. The remainder of Restricted Area 9 is covered with permeable rip rap or soil. The low permeability cover will effectively isolate the impacted soil from contact with people. Impacted soil extends from 1.5 to approximately 15 feet below grade.
- **Restricted Area 10,**
 - ❖ Encompasses portions of PAOC 55, 20 and TB 750 and is covered by tanks, tank berms, pipeway, pipeway footings and low permeability asphalt. The remainder of Restricted Area 10 is covered with permeable rip rap or soil. The pavement, tanks and associated pipes and structures will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 15 feet below grade.
- **Restricted Area 11,**
 - ❖ Encompasses portions of PAOC 56, 57 and TB 751, 752 and is covered by tanks, tank berms, pipeway, pipeway footings and low permeability asphalt. The remainder of Restricted Area 11 is covered with permeable rip rap or soil. The pavement, tanks and associated pipes and structures will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 9 feet below grade.

- **Restricted Area 12,**
 - ❖ Encompasses portions of PAOC 47, 48, 49, 50, 91 and TB 700, 701, 702, 703 and is covered by tanks, tank berms, pipeway, pipeway footings and low permeability asphalt. The remainder of Restricted Area 12 is covered with permeable rip rap or soil. The pavement, tanks and associated pipes and structures will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 13 feet below grade.
- **Restricted Area 13,**
 - ❖ Impacted soil is partially covered with low permeability pavement in a portion of PAOC 52, 85, TB 731 and AOC 28 and is covered by tanks, tank berms, pipeway, pipeway footings and low permeability asphalt. The remainder of Restricted Area 13 is covered with permeable rip rap or soil. The pavement, tanks and associated pipes and structures will effectively isolate the impacted soil from contact with people. Impacted soil extends from 1 to approximately 15 feet below grade.
- **Restricted Area 14,**
 - ❖ Impacted soil is partially covered with low permeability pavement in a portion of PAOC 51, 85 and AOC 28. The remainder of Restricted Area 14 is covered with permeable rip rap or soil. The low permeability pavement and rip rap will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 7 feet below grade.
- **Restricted Area 15,**
 - ❖ Impacted soil is partially covered with low permeability pavement in a portion of AOC 38, 39 and PAOC 91. The remainder of Restricted Area 15 is covered with permeable rip rap or soil. The low permeability pavement and rip rap will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 2.5 feet below grade.
- **Restricted Area 16,**
 - ❖ Encompasses a portion of AOC 38, PAOC 58, SWMU 9 and TB 753 and is covered by tanks, tank berms, pipeway, pipeway footings and low permeability asphalt. The remainder of Restricted Area 16 is covered with permeable rip rap or soil. The pavement, tanks and associated pipes and structures will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 3 feet below grade.

- **Restricted Area 17,**
 - ❖ Encompasses a portion of PAOC 59, 63, 13, AOC 38, 26 and TB 755, 756, 765 and is covered by tanks, tank berms, pipeway, pipeway footings and low permeability asphalt. The remainder of Restricted Area 17 is covered with permeable rip rap or soil. The pavement, tanks and associated pipes and structures will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 6.5 feet below grade.
- **Restricted Area 18,**
 - ❖ Encompasses a portion of PAOC 62 and TB 760 and is covered by tanks, tank berms, pipeway, pipeway footings and low permeability asphalt. The remainder of Restricted Area 18 is covered with permeable rip rap or soil. The pavement, tanks and associated pipes and structures will effectively isolate the impacted soil from contact with people. Impacted soil extends from 1 to approximately 2.5 feet below grade.
- **Restricted Area 19,**
 - ❖ Impacted soil is partially covered with low permeability pavement in a portion of PAOC 14, 15, AOC 14, 26 and SWMU 26. The remainder of Restricted Area 19 is covered with permeable rip rap or soil. The low permeability pavement and rip rap will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 20 feet below grade.
- **Restricted Area 20,**
 - ❖ Encompasses a portion of PAOC 13, 60, 61 and TB 757, 758,759 and is covered by tanks, tank berms, pipeway, pipeway footings and low permeability asphalt. The remainder of Restricted Area 20 is covered with permeable rip rap or soil. The pavement, tanks and associated pipes and structures will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 20 feet below grade.
- **Restricted Area 21,**
 - ❖ Impacted soil is partially covered with low permeability pavement in a portion of AOC 6B and PAOC 14. The remainder of Restricted Area 21 is covered with permeable rip rap or soil. The low permeability pavement and rip rap will effectively isolate the impacted soil from contact with people. Impacted soil extends from 1 to approximately 22 feet below grade.
- **Restricted Area 22,**
 - ❖ Impacted soil is partially covered with low permeability pavement in a portion of AOC 29. The remainder of Restricted Area 22 is covered with permeable rip rap or soil. The low permeability pavement and rip rap will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 8.5 feet below grade.

- **Restricted Area 23,**
 - ❖ Impacted soil is partially covered with low permeability pavement in a portion of PAOC 1, 71 and AOC 45. The remainder of Restricted Area 23 is covered with permeable rip rap or soil. The low permeability pavement and rip rap will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 16 feet below grade.
- **Restricted Area 24,**
 - ❖ Impacted soil is partially covered with low permeability pavement in a portion of AOC 46. The remainder of Restricted Area 24 is covered with permeable rip rap or soil. The low permeability pavement, structures and rip rap will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 15 feet below grade.
- **Restricted Area 25,**
 - ❖ Impacted soil is partially covered with low permeability pavement in a portion of the property directly south of AOC 46 along the southern property boundary. The remainder of Restricted Area 25 is covered with permeable gravel or soil. The low permeability pavement and gravel will effectively isolate the impacted soil from contact with people. Impacted soil extends from the surface to approximately 12.5 feet below grade.

Exhibit C-4: Narrative Description of Engineering Controls – Signage

Exhibit C-4
Engineering/Institutional Controls - Signage

Engineering/Institutional controls restricting access to impacted soil includes posting signage where contaminated soil may be exposed at the surface:

- **Restricted Area 1,**
 - ❖ as shown on Exhibit B1.1, is covered with low permeability surfaces, permeable rip rap, tank berms, or soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 10.5 feet below grade.
- **Restricted Area 2,**
 - ❖ as shown on Exhibit B1.2, contains pavement, permeable rip rap, tank berms, or soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 6.5 feet below grade.
- **Restricted Area 3,**
 - ❖ contains, as shown on Exhibit B1.3, is covered by pavement, permeable rip rap, or soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 6.5 feet below grade.
- **Restricted Area 4,**
 - ❖ as shown on Exhibit B1.4, is covered by low permeability pavement, rip rap and soil. As the impacted soil is capped by at least 2 feet of unimpacted material, no signage will be placed in this area as the contamination is fully capped. Impacted soil extends from approximately 3.5 to 13.5 feet below grade.
- **Restricted Area 5,**
 - ❖ as shown on Exhibit B1.5, is covered with low permeability paved areas, rip rap and soil. Where impacted soil is not covered with low permeability pavement, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 13 feet below grade.
- **Restricted Area 6,**
 - ❖ as shown on Exhibit B1.6, is covered with low permeability pavement, rip rap or soil. Where impacted soil is not covered with low permeability pavement, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from approximately 1.5 to 13 feet below grade.

- **Restricted Area 7,**
 - ❖ as shown on Exhibit B1.7, is covered by tanks, tank berms, pipeway and pipeway footings, permeable rip rap or soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from approximately 1 to 1.5 feet below grade.
- **Restricted Area 8,**
 - ❖ as shown on Exhibit B1.8, is covered by low permeability pavement, tanks, tank berms, pipeways and associated footings, rip rap and soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 14.5 feet below grade.
- **Restricted Area 9,**
 - ❖ as shown on Exhibit B1.9, is covered by low permeability pavement, rip rap or soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from 1.5 to approximately 15 feet below grade.
- **Restricted Area 10,**
 - ❖ as shown on Exhibit B1.10, is covered by low permeability pavement, rip rap or soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 15 feet below grade.
- **Restricted Area 11,**
 - ❖ as shown in Exhibit B1.11, is covered by low permeability concrete foundations, pavement, rip rap, tank berms, or soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 9 feet below grade.
- **Restricted Area 12,**
 - ❖ as shown on Exhibit B1.12, is covered by low permeability concrete foundations, pavement, rip rap, tank berms, or soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 13 feet below grade.
- **Restricted Area 13,**
 - ❖ as shown on Exhibit B1.13, is covered by low permeability concrete foundations, pavement, rip rap, tank berms, or soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from 1 to approximately 15 feet below grade.

- **Restricted Area 14,**
 - ❖ as shown on Exhibit B1.14, is partially covered by low permeability pavement, permeable rip rap, and soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 7 feet below grade.
- **Restricted Area 15,**
 - ❖ as shown on Exhibit B1.15, is partially covered by low permeability pavement, permeable rip rap, and soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 2.5 feet below grade.
- **Restricted Area 16,**
 - ❖ as shown on Exhibit B1.16, is covered with low permeability concrete foundations, pavement, rip rap, tanks, tank berms, or soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 3 feet below grade.
- **Restricted Area 17,**
 - ❖ as shown on Exhibit B1.17, is covered with low permeability concrete foundations, pavement, rip rap, tanks, tank berms, or soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 6.5 feet below grade.
- **Restricted Area 18,**
 - ❖ as shown in Exhibit B1.18, is covered with low permeability concrete foundations, pavement, rip rap, tanks, tank berms, or soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from 1 to approximately 2.5 feet below grade.
- **Restricted Area 19,**
 - ❖ as shown in Exhibit B1.19 is covered by low permeability pavement, permeable rip rap, and soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 20 feet below grade.
- **Restricted Area 20,**
 - ❖ as shown in Exhibit B1.20, is covered by low permeability pavement, rip rap or soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 20 feet below grade.

- **Restricted Area 21,**
 - ❖ as shown in Exhibit B1.21, is covered by low permeability pavement, permeable rip rap, and soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from 1 to approximately 22 feet below grade.
- **Restricted Area 22,**
 - ❖ as shown in Exhibit B1.22, is covered by low permeability pavement, permeable rip rap, and soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 8.5 feet below grade.
- **Restricted Area 23,**
 - ❖ as shown in Exhibit B1.23, is covered by low permeability pavement, permeable rip rap, and soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 16 feet below grade.
- **Restricted Area 24,**
 - ❖ as shown in Exhibit B1.24, is covered by low permeability pavement, permeable rip rap, and soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 15 feet below grade.
- **Restricted Area 25,**
 - ❖ as shown in Exhibit B1.25, is covered by low permeability pavement, permeable rip rap, and soil. Where impacted soil is not covered with low permeability cover, signs will be placed to alert workers of remaining impacted soil. Impacted soil extends from the surface to approximately 12.5 feet below grade.